

FINE BUILDERS HARDWARE

DETROIT HARDWARE MFG. CO. 1320 MT. ELLIOTT AVE., DETROIT 7. MICH., U.S. A.



MODERN HARDWARE for MODERN DOORS

Catalogs No. 9 and 10 1950

TO OPEN—twist bottom levers clockwise slightly as you press them.

TO CLOSE—press top levers.

ARDWARE MANUFACTURING COMPANY

MT. ELLIOTT . DETROIT 7, MICHIGAN, U.S.A.

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MODERN HARDWARE for MODERN DOORS

Catalogs No. 9 and 10 1950

DETROIT HARDWARE MANUFACTURING COMPANY

1320 MT. ELLIOTT . DETROIT 7, MICHIGAN, U.S.A.

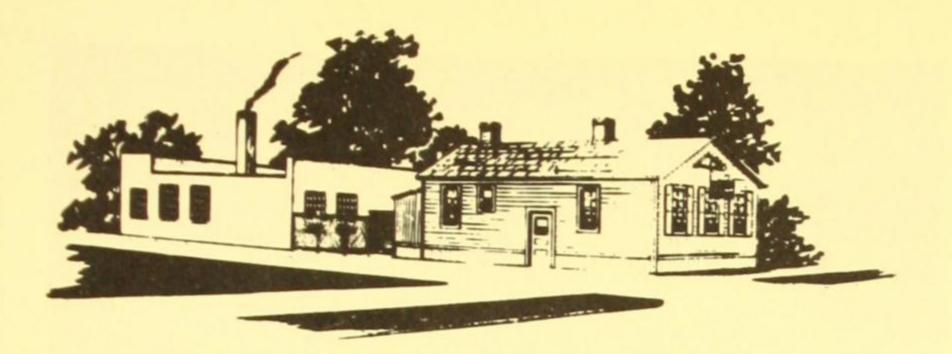
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WE PRESENT this catalog to the Hardware Trade, to whom we are indebted, not only for their generous suggestions, but material support for many years.

These lines are subject to modification and we are prepared to furnish information through both our engineering and art departments, upon request.

The DETROIT line comprises several thousand outstanding items in hardware trim that we believe merit your consideration.





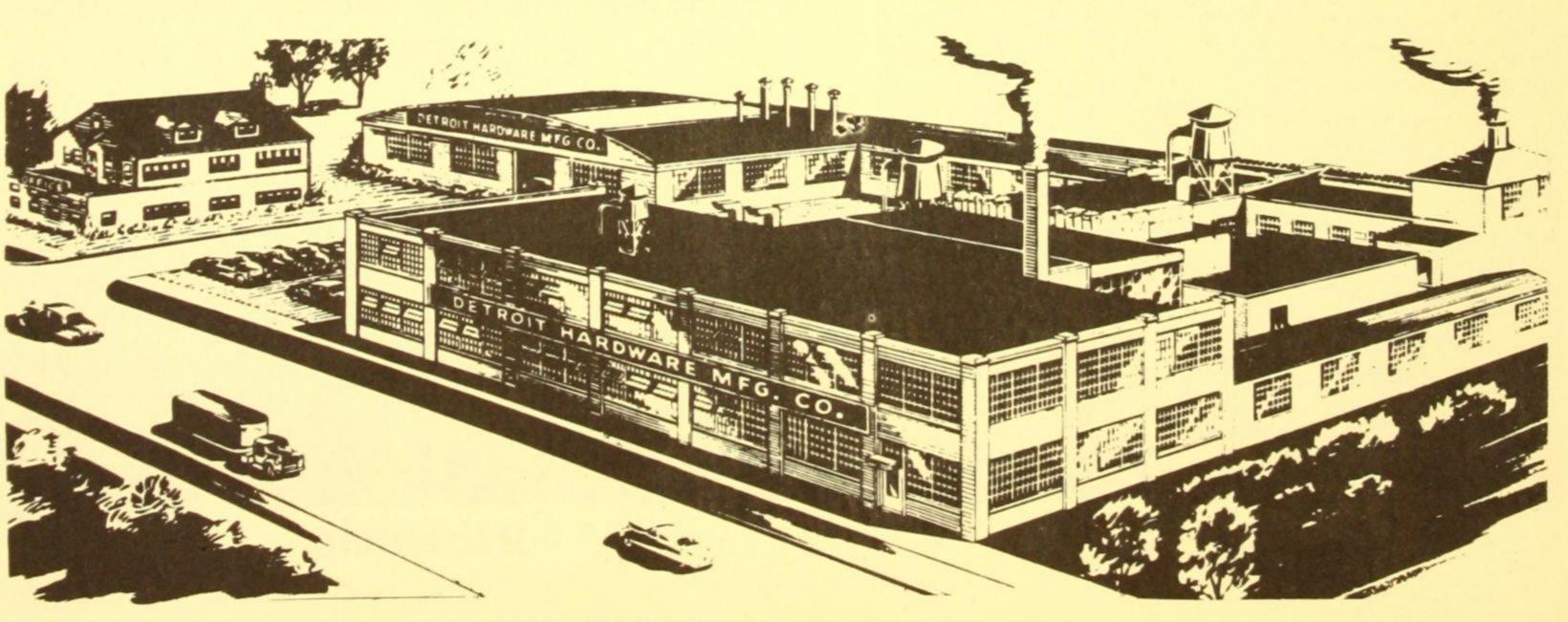
of an organization with a background of years of experience in the manufacture of distinguished builders' hardware . . . DETROIT HARDWARE MANUFACTURING CO., is self-contained, completely departmentalized, including everything from

foundry to plating department . . . While

in 1923 with this little plant and a nucleus our employees probably represent the highest income group in our field, the fact that they accept the responsibility of maintaining a standard of personal efficiency consistent with these high wages, together with installation by the management of many labor saving devices, makes practical our competing effectively . . .

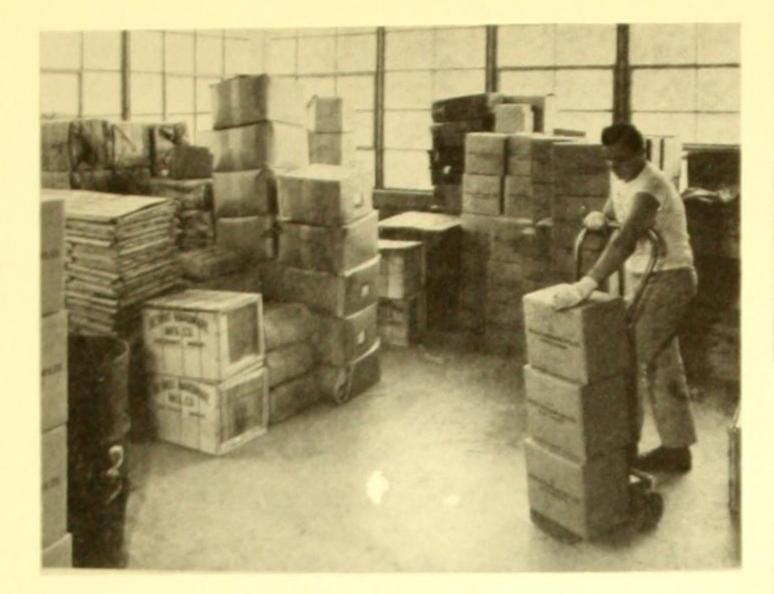


MT. ELLIOTT AVENUE PLANT PERSONNEL

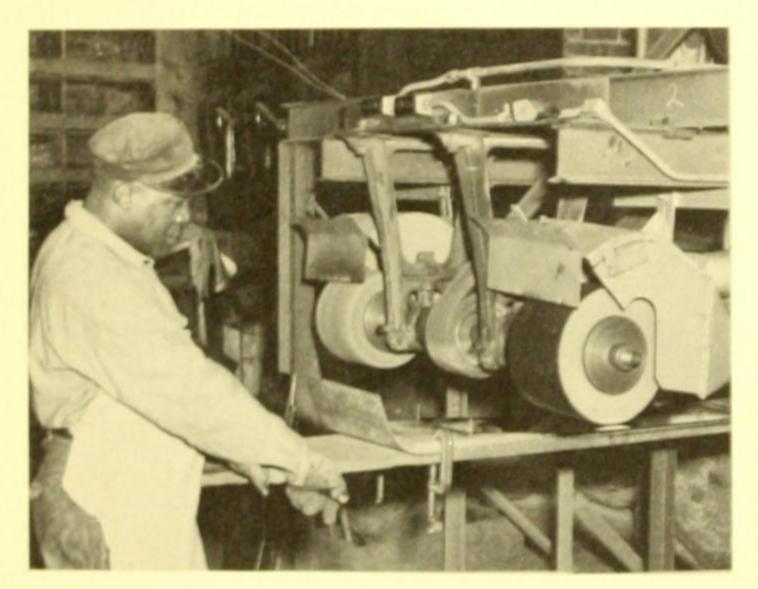


MT. ELLIOTT AVENUE PLANT

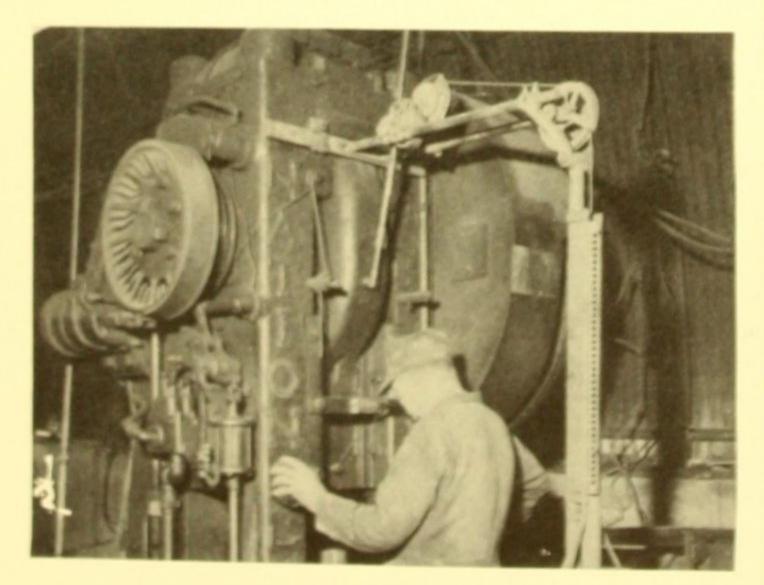




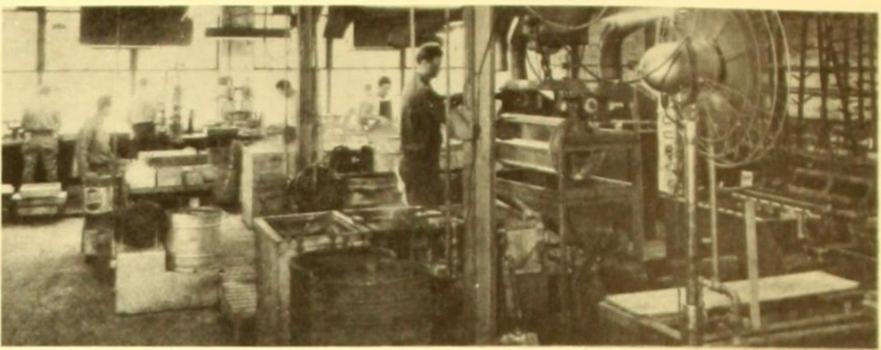
SHIPPING



POLISHING



FORGING



PLATING



BRASS FINISHING AND STOCK

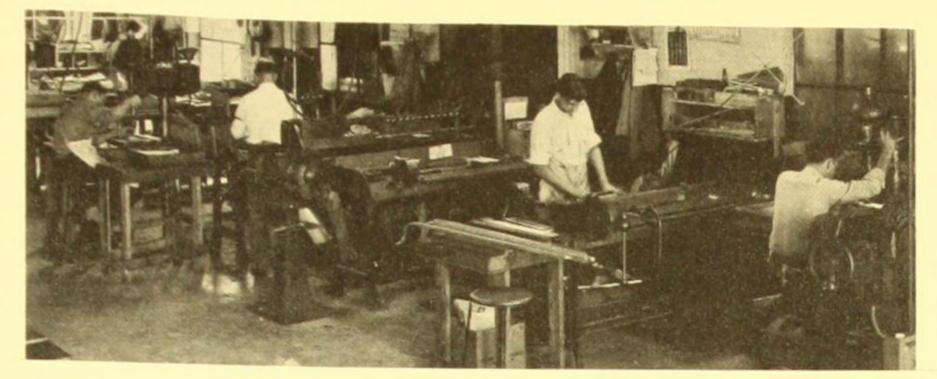


BRASS FOUNDRY

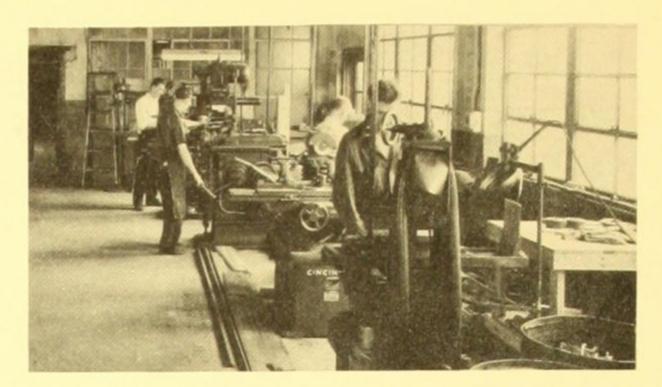


MACHINING

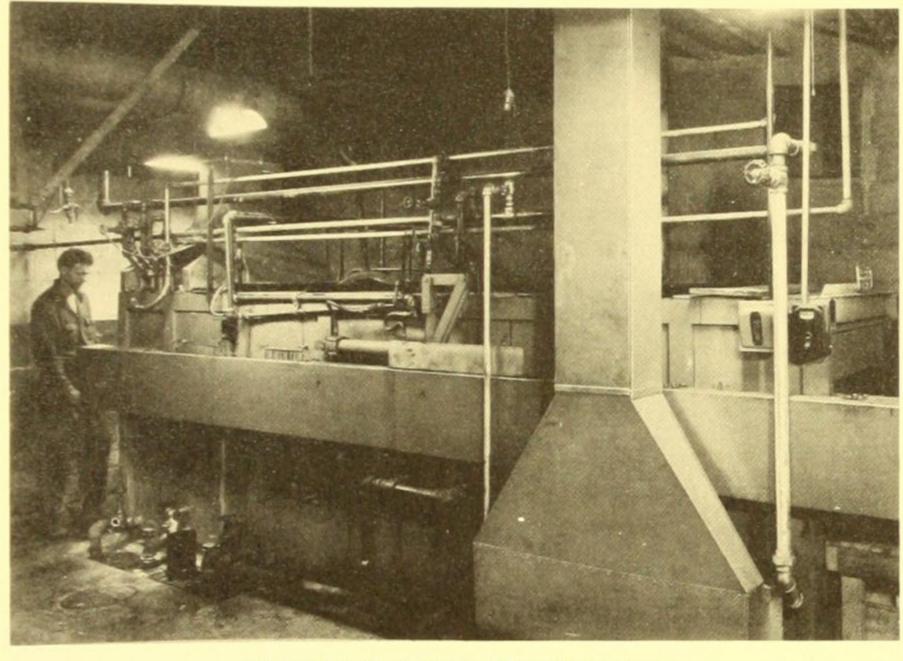




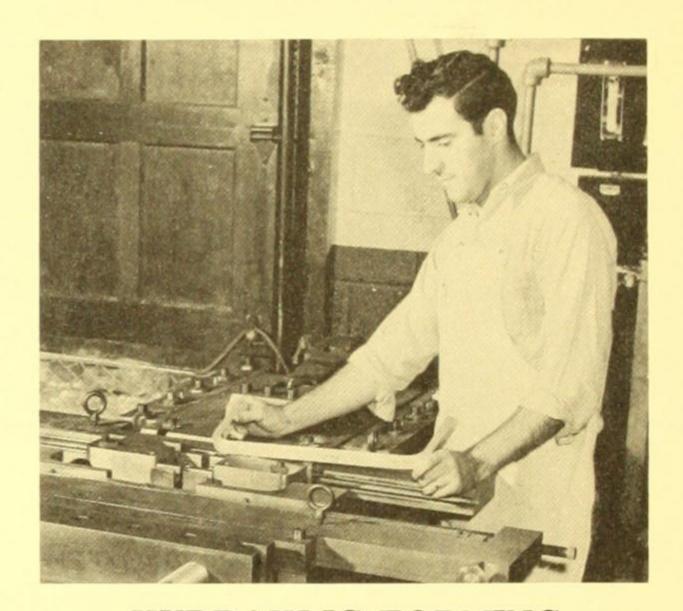
BRASS FINISHING



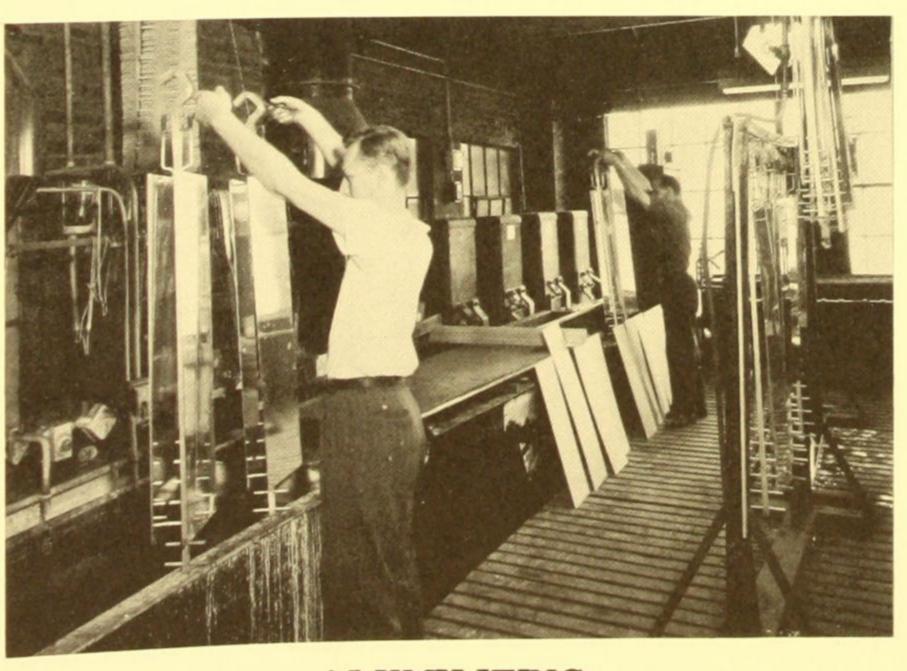
TOOL AND DIES



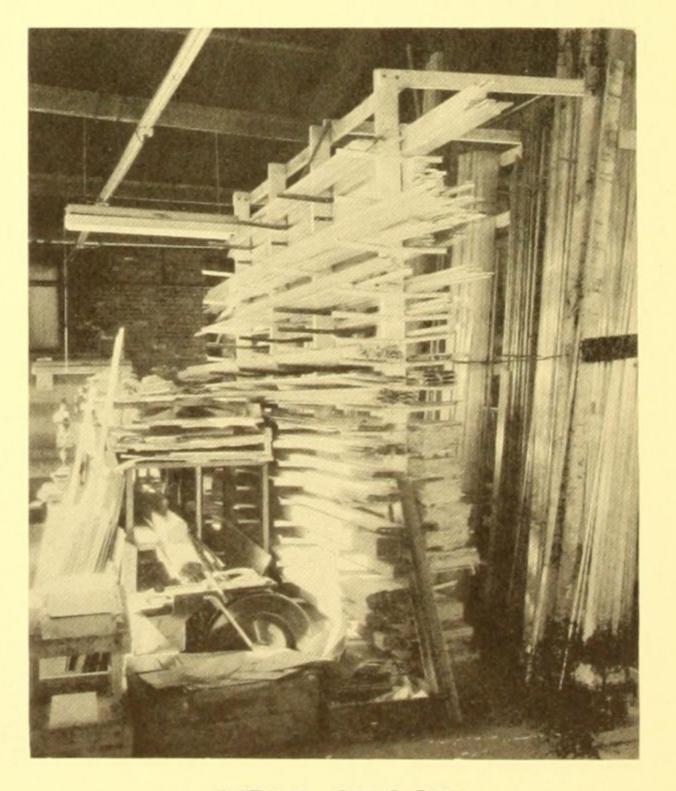
AUTOMATIC IRIDITING



HYDRAULIC FORMING

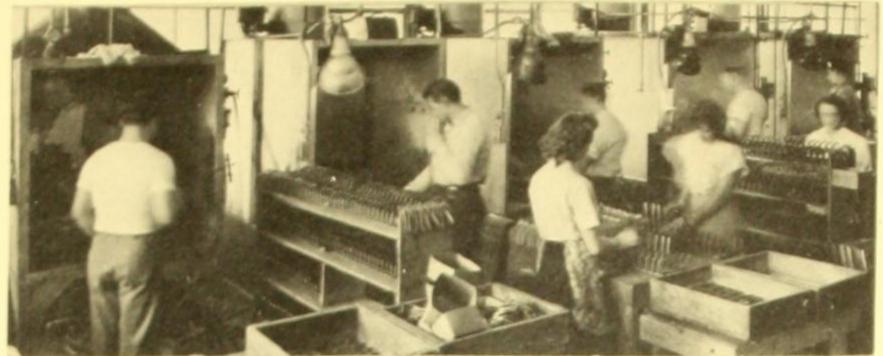


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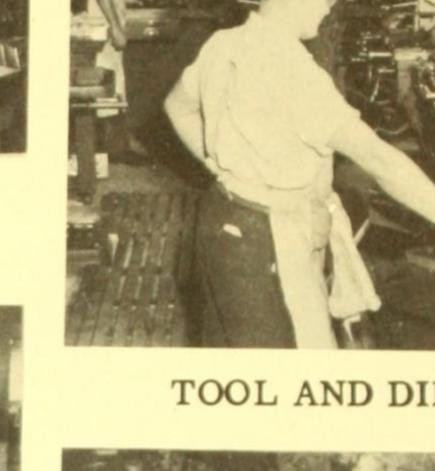


MILL STOCK

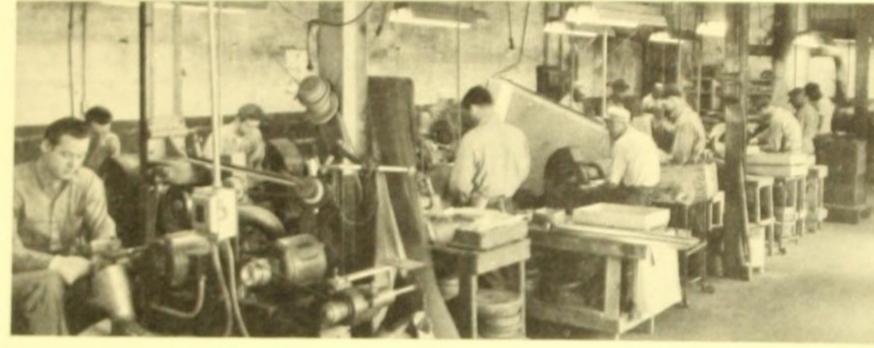




LACQUERING



TOOL AND DIE MAKING



POLISHING

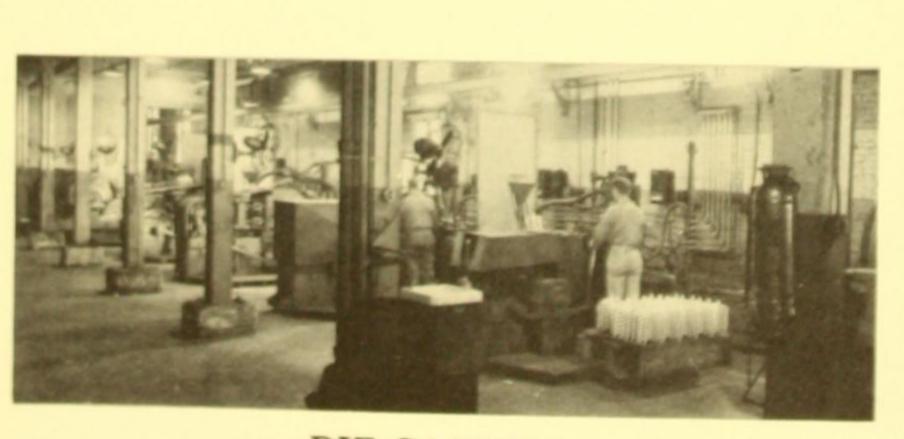


AUTOMATIC DRILLING AND TAPPING

C



ASSEMBLING

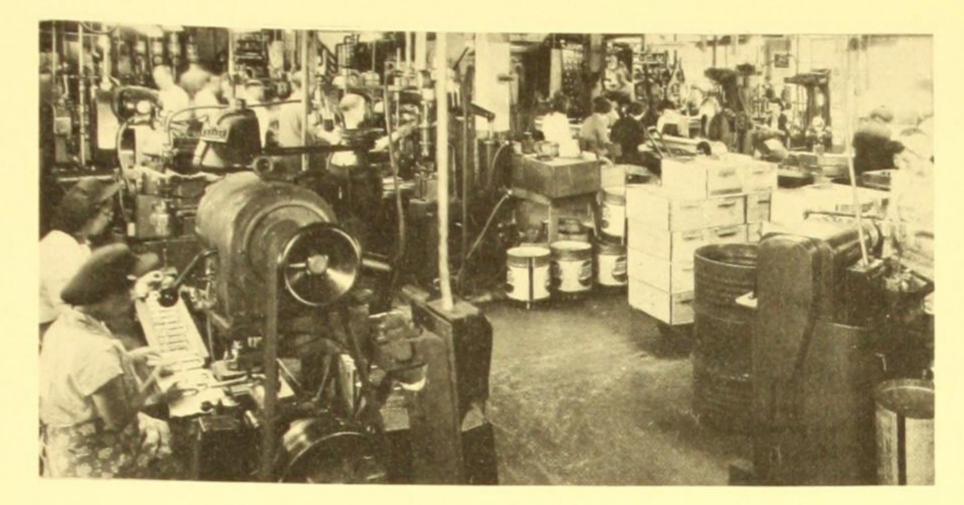


DIE CASTING

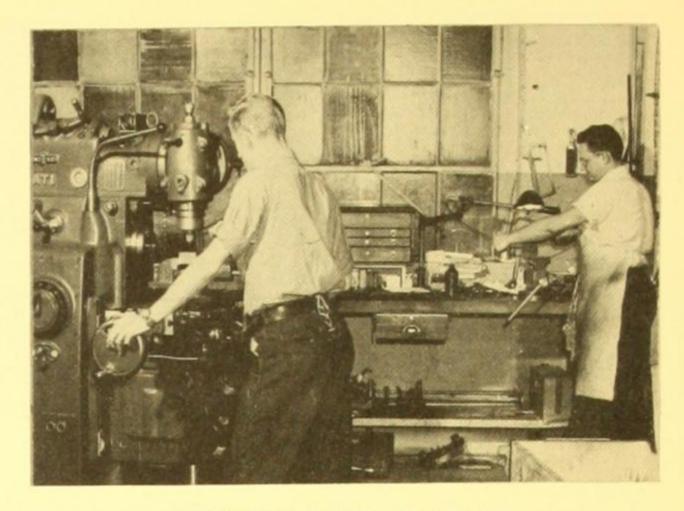


AUTOMATIC TAPPING

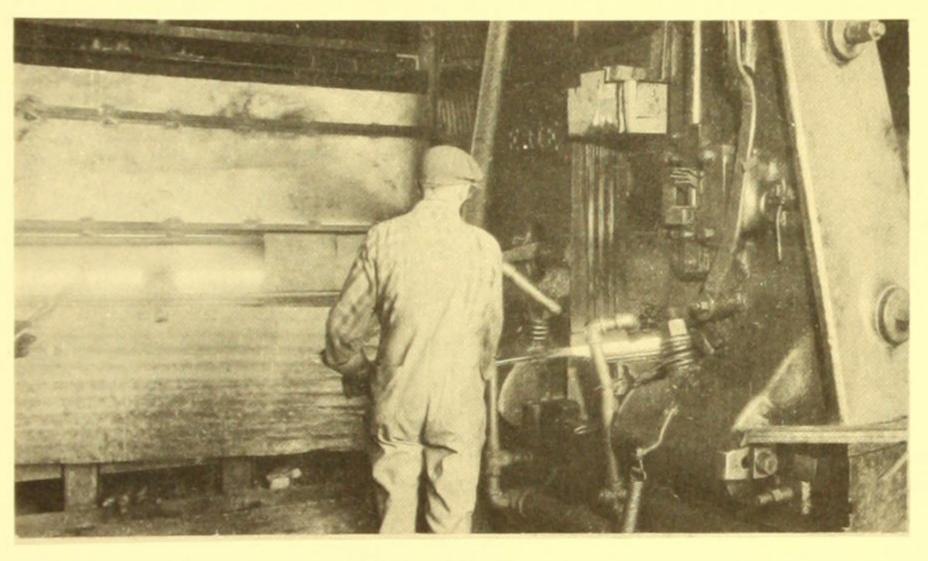




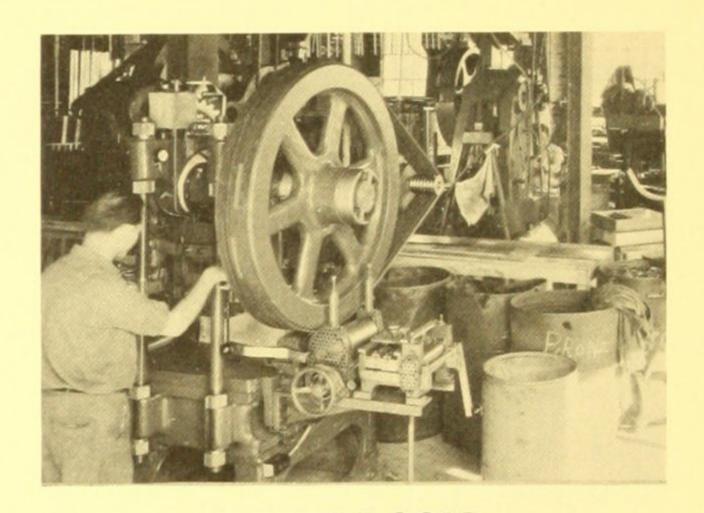
MACHINING



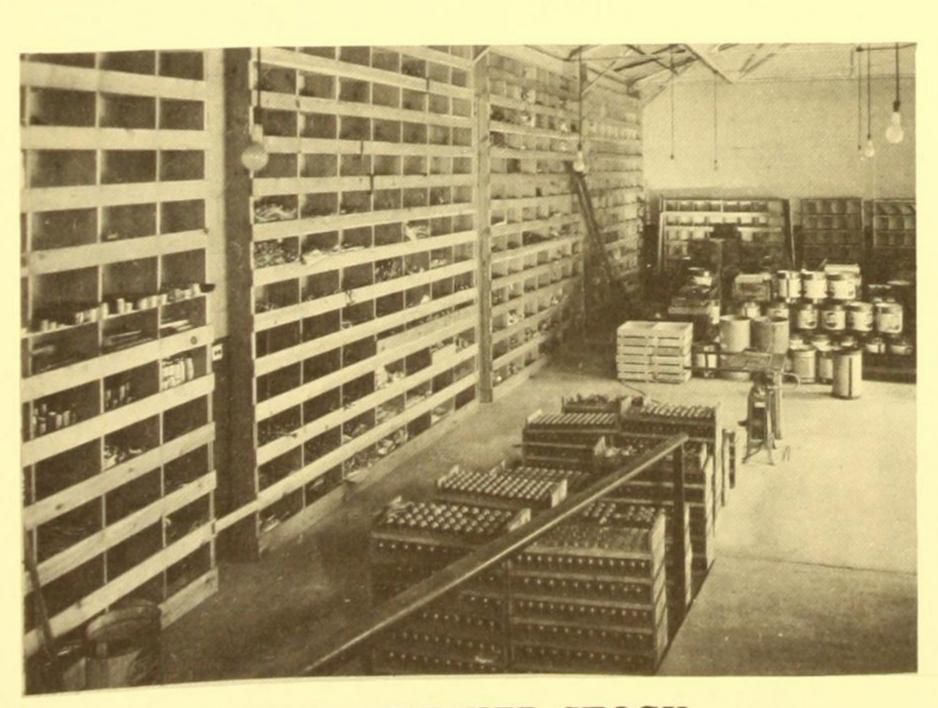
TOOL AND DIES



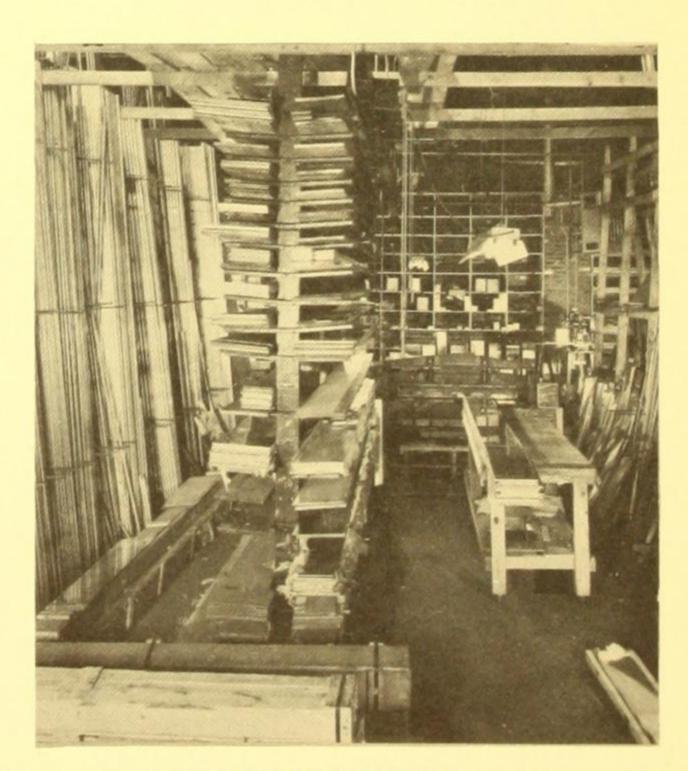
FORGING



PRESS ROOM



SEMI-FINISHED STOCK

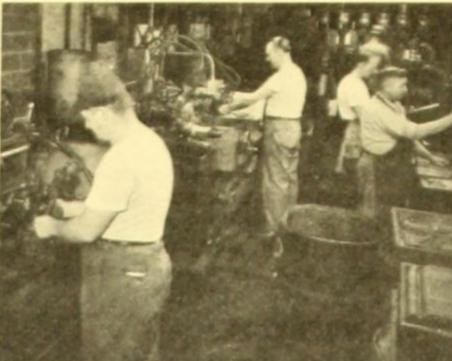


MILL STOCK





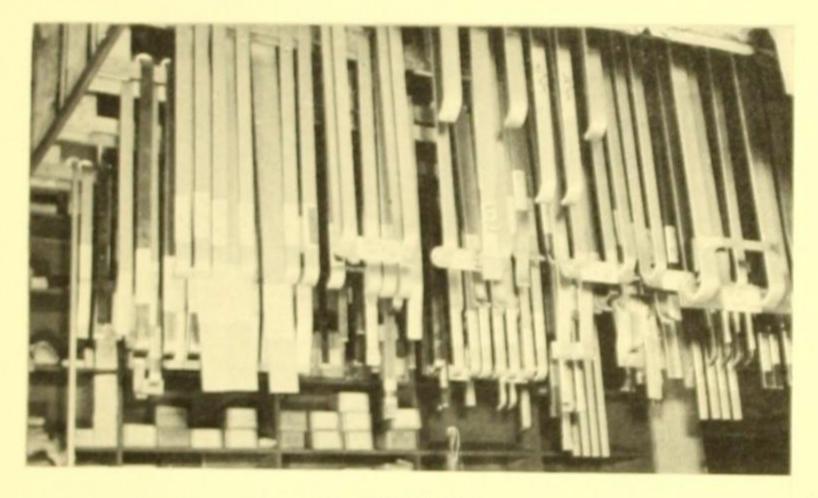
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GEAR CUTTING



PACKING



PACKING



PACKING



ASSEMBLING



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MACHINING



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183	PUSH BAR	53	219	PULL	82		
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312SR	PUSH PLATE	92	316SA	THUMB TURN	156
312WB	PUSH PLATE	93	316SK	THUMB TURN	
312½GB	PUSH PLATE	94	316SR	PUSH PLATE	156 92
$312\frac{1}{2}WB$	PUSH PLATE	93	316ST	THUMB TURN	156
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314AM	PUSH PLATE	95	316½GB	PUSH PLATE	94
314GB	PUSH PLATE	94	$316\frac{1}{2}WB$	PUSH PLATE	93
314RC	PUSH PLATE	92	317AA	THUMB TURN	156
314SR	PUSH PLATE	92	318AA	PUSH PLATE	118
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315GB	PUSH PLATE	94	390PO	KNOB	147
315ML	PUSH PLATE	96	400AB	LEVER	149
315MN	PUSH PLATE	97	400AD	LEVER	152
315PB	PUSH PLATE	97	400AG	LEVER	150
315PM	PUSH PLATE	97	400AH	LEVER	153
315PR	PUSH PLATE	96	400AN	LEVER	151
315RC	PUSH PLATE	92	400CN	LEVER	149
315SR	PUSH PLATE	92	400FT	LEVER	150
315WB	PUSH PLATE	93	400HH	LEVER	151
315WR	PUSH PLATE	98	400HP	LEVER	153
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$315\frac{1}{2}RC$	PUSH PLATE	92	400MC	LEVER	151
$315\frac{1}{2}$ WB	PUSH PLATE	92	400ME	LEVER	151
316AA	PUSH PLATE	93	400MP	LEVER	151
316AB	THUMB TURN	156	400PR	LEVER	151
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416WB	PUSH PLATE	93	681	PUSH BAR	65
416½WB	PUSH PLATE	93	$681\frac{1}{4}$	PUSH BAR	65
420DA	PUSH PLATE	119	686	PUSH BAR	66
420RA	PUSH PLATE	120	$686\frac{1}{4}$	PUSH BAR	66
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$470\frac{1}{4}$	PUSH BAR	67	700ML	PULL	78
471	PUSH BAR	47	700MN	PULL	78
472	PUSH BAR	25	700NT	PULL	86
475	PUSH BAR	67	700PB	PULL	78
$475\frac{1}{2}$	PUSH BAR	67	700PM	PULL	78
476	PUSH BAR	25	700PR	PULL	78
477	PUSH BAR	28	700RU	PULL	86
479	PUSH BAR	25	700SN	PULL	91
488	FLUSH PULL	159	700SP	PULL	91
489	FLUSH PULL	159	700WS	PULL	86
490	FLUSH PULL	159	700WB	PULL	77
491	FLUSH PULL	159	702SN	PULL	91
492	FLUSH PULL	159	702SP	PULL	91
493	FLUSH PULL	159	710MB	PULL	79
494	FLUSH PULL	159	710MN	PULL	79
500	PUSH BAR	26	710PR	PULL	79
500AG	LEVER	150	712	PULL	84
500FT	LEVER	150	712MD	PULL	80
500MR	LEVER	153	712PR	PULL	79
500PB	LEVER	153	713	PULL	84
500TA	LEVER	152	713MD	PULL	80
501	PUSH BAR	27	714MD	PULL	80
504	PUSH BAR	26	714PR	PULL	79
505	PUSH BAR	27	715MD	PULL	80
515	PUSH BAR	57	720 MD	PULL	73
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611	DROP HANDLE	157	722	PULL	83 73
616JH	PUSH PLATE	98	722 MD	PULL	83
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620	PULL	84	723MD	PULL	74
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NO.	DESCRIPTION	PAGE	NO.	DESCRIPTION	PAGE
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726	PULL	83	900HL	ROSE	134
730	PULL	91	900HP	ROSE	135
735	PULL	77	900JH	ROSE .	132
$735\frac{1}{2}$	PULL	77	900JK	ROSE	132
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738	PULL	85	900MC	ROSE	132
739	PULL	85	900MP	ROSE	132
741	PULL	77	900NL	ROSE	133
$741\frac{1}{2}$	PULL	77	900PC	ROSE	131
750	PULL	84	900PM	ROSE	135
800AA	HANDLE	105	900PN	ROSE	135
800AJ	HANDLE	106	900PO	ROSE	134
800CM	HANDLE	103	900PR	ROSE	134
800EL	HANDLE	103	900PT	ROSE	135
800HD	HANDLE	105	900RA	ROSE	135
800HM	HANDLE	106	900SA	ROSE	135
800HR	HANDLE	105	900SE	ROSE	135
800HS	HANDLE	106	900SP	ROSE	135
800NT	HANDLE	106	900ST	ROSE	135
800PA	HANDLE	106	901	L. B. PLATE	160
800RU	HANDLE	103	901AB	ROSE	136
800SP	HANDLE	104	901BC	ROSE	136
800WB	HANDLE	103	901AH	ROSE	136
800WS	HANDLE	103	901DS	ROSE	136
801SP	HANDLE	103	901FB	ROSE	136
806ML	HANDLE	104	901HP	ROSE	136
806MN	HANDLE	104	901PO	ROSE	136
806PR	HANDLE	104	901ST	ROSE	136
816JH	HANDLE	98	902CE	ROSE	131
900	L. B. PLATE	160	902CS	ROSE	132
900AA	ROSE	135	902HL	ROSE	134
900AB	ROSE	134	902JH	ROSE	132
900AH	ROSE	134	902MA	ROSE	133
900BC	ROSE	134	902PC	ROSE	131
900CE	ROSE	131	902PR	ROSE	134
900CS	ROSE	132	902SA	ROSE	135
900SA	ROSE	135	902SE	ROSE	135
900DS	ROSE	134	903PR	ROSE	136
900FB	ROSE	134	904AA	ROSE	135
					200



NUMERICAL INDEA						
NO.	DESCRIPTION	PAGE	NO. DI	ESCRIPTION	PAGE	
904CE	ROSE	131	1152MT	PUSH BAR	33	
904CS	ROSE	133	1152 ¹ / ₄ ML	PUSH BAR	3	
904FD	ROSE	135	$1152\frac{1}{4}MN$	PUSH BAR	7	
904GE	ROSE	133	$1152\frac{1}{4}MR$	PUSH BAR	3	
904HL	ROSE	134	$1152\frac{1}{4}MS$	PUSH BAR	14	
904JF	ROSE	132	1153ML	PUSH BAR	2	
904MA	ROSE	133	1153MN	PUSH BAR	6	
904PC	ROSE	131	1153MR	PUSH BAR	2	
904PR	ROSE	134	1153MS	PUSH BAR	15	
905FT	ROSE	136	$1153\frac{1}{4}ML$	PUSH BAR	4	
905FB	ROSE	136	$1153\frac{1}{4}MN$	PUSH BAR	8	
905FD	ROSE	136	$1153\frac{1}{4}MR$	PUSH BAR	4	
906CE	ROSE	131	$1153\frac{1}{4}MS$	PUSH BAR	16	
906JH	ROSE	132	1173MS	PUSH BAR	17	
906MA	ROSE	133	1185	PUSH BAR	49	
906PR	ROSE	134	$1185\frac{1}{4}$	PUSH BAR	50	
908CE	ROSE	131	1186	PUSH BAR	53	
914CE	ROSE	131	$1186\frac{1}{4}$	PUSH BAR	54	
1060	NAME PLATE	117	1199	PUSH BAR	55	
1061	NAME PLATE	117	$1199\frac{1}{4}$	PUSH BAR	56	
1062	NAME PLATE	117	1312AM	PULL	95	
1063	NAME PLATE	117	1312GB	PULL	94	
1064	NAME PLATE	117	1312MN	PULL	96	
1065	NAME PLATE	117	1312RC	PULL	92	
1066	NAME PLATE	117	1312SR	PULL	92	
1067	NAME PLATE	117	1312WB	PULL	93	
1068	NAME PLATE	117	$1312\frac{1}{2}GB$	PULL	94	
1069	NAME PLATE	117	$1312\frac{1}{2}WB$	PULL	93	
1070	NAME PLATE	117	1313AA	PULL	118	
1071	NAME PLATE	117	1314AM	PULL	95	
1100	HINGE PLATE	174	1314GB	PULL	94	
1100	L. B. PLATE	160	1314RC	PULL	92	
1101	HINGE PLATE	174	1314SR	PULL	92	
1101	L. B. PLATE	160	1315AM	PULL	94	
1102	HINGE PLATE	174	$1314\frac{1}{2}GB$	PULL	95	
1107	HINGE PLATE	174	1315GB	PULL	94	
1108	HINGE PLATE	174	1315ML	PULL	96	
1109	HINGE PLATE	174	1315MN	PULL	97	
1152ML	PUSH BAR	1	1315PB	PULL	97	
1152 MN	PUSH BAR	5	1315PM	PULL	97	
1152MR	PUSH BAR	1	1315PR	PULL	96	
1152MS	PUSH BAR	13				



		NUNI	CRICAL	INDE	Λ	
NO.	DE	ESCRIPTION	PAGE	NO.	DESCRIPTION	PAGE
131	5RC	PULL	92	2420DA	HANDLE	119
131	5SR	PULL	92	2420RA	HANDLE	120
131	5WB	PULL	93	2422SA	HANDLE	118
131	$5\frac{1}{2}GB$	PULL	94	3185	PUSH BAR	51
131	$5\frac{1}{2}RC$	PULL	92	$3185\frac{1}{4}$	PUSH BAR	52
131	$5\frac{1}{2}SR$	PULL	92	3315ML	PUSH BAR	95
1315	$5\frac{1}{2}WB$	PULL	93	4030	PULL	81
1316	6AM	PULL	95	$4030\frac{1}{2}$	PULL	81
1316	6CE	THUMB TURN	156	$4034\frac{1}{2}$	PULL	81
1316	6GB	PULL	94	4312RC	PULL	92
1316	6PR	THUMB TURN	156	4312SR	PULL	92
1316	6RC	PULL	92	4314RC	PULL	92
1316	SR	PULL	92	4314SR	PULL	92
1316	6WB	PULL	93	4315RC	PULL	92
1316	$6\frac{1}{2}GB$	PULL	94	4315SR	PULL	92
1316	$6\frac{1}{2}WB$	PULL	93	4315½RC		92
1318	BAA	PULL	118	$4315\frac{1}{2}SR$	PULL	92
1416	BRC	PULL	92	4316RC	PULL	92
1416	SSA	PULL	118	4316SR	PULL	92
1416	SSR	PULL	92	4416RC	PULL	92
1416	SWB	PULL	93	4416SR	PULL	92
1416	$3\frac{1}{2}WB$	PULL	93	4420RC	PULL	92
1420	DA	PULL	119	4420SR	PULL	92
1420	RA	PULL	120	5050KA	KEY PLATE	155
1420	RC	PULL	92	5100KA	CYLINDER ROSE	105
1420		PULL	92	5200KA	KNOB	146
1420		PULL	93	5316KA	THUMB TURN	156
	$\frac{1}{2}$ WB	PULL	93	5700KA	PULL	85
1422		PULL	118	5800KA	HANDLE	105
1475		PUSH BAR	67	5900KA	ROSE	135
1475		PUSH BAR	67	5901KA	ROSE	136
1500		L. B. PLATE	160	$7109\frac{1}{4}$	PUSH BAR	19
1501		L. B. PLATE	160	$7110\frac{1}{4}$	PUSH BAR	20
1504		PUSH BAR	26	7111	PULL	71
1505		PUSH BAR	27	7510	PULL	71
1507		PUSH BAR	28	7512	PUSH BAR	34
1508		PUSH BAR	28	7516	PUSH BAR	35
1515		PUSH BAR	57	7518	PUSH BAR	35
1518		PUSH BAR	58	7523	PUSH BAR	36
1904		ROSE	131	7524	PUSH BAR	36
1904		ROSE	131	7525	PUSH BAR	36
2182		PUSH BAR	51	7526	PUSH BAR	37
2182	-	PUSH BAR	52	7529	PUSH BAR	38
2185		PUSH BAR	51	7530	PUSH BAR	39
2185		PUSH BAR	52	$7530\frac{1}{4}$	PUSH BAR	40
2318	AA	HANDLE	118			40
II						



REGULAR FINISHES

BRASS M	ETAL		
	TROIT	US	DESCRIPTION
7	Y	3	Polished
	YNL	3A	Polished, No Lacquer
	YB	4	Dull
	YC	5	Oxidized - Ornamental Surfaces Only
	YD	-	Old English Brass
BRONZE	METAL		
I	R	9	Polished
F	RNL	9A	Polished, No Lacquer
	RB	10	Dull
	RD	10B	Slightly Oxidized - Oil Rubbed
	RE	11	Oxidized - Ornamental Surfaces Only
	PA	20	Medium Statuary
1	PB	20A	Dark Statuary
NICKEL I	FINISHES		
1	N	14	Polished
	NB	15	Dull
1	NS	17A	Plated Imitation Half Polished Iron
SILVER			
	S	_	Polished
5	SB	_	Dull
BLACK		10	Danker Buck Droof on Iron and Steel
	BB	19	Parker Rust Proof on Iron and Steel
1	ВС	-	Sanded Black Nickel Plate
WHITE B	RONZE		
	NM	25	Polished
1	NMB	25D	Dull
VERDE A		00	Convinc Marda Antiqua
	VB	22	Genuine Verde Antique
CHROMIU	JM		
	CH	26	Polished
	СНВ	26D	Dull
ALUMINU	IM		
	A	_	Polished
	AL		Satin Dull Alumilite
	ALB		Black Alumilite - Cobalt Acetate
	ALP	_	Polished Alumilite



REGULAR FINISHES

STAINLESS STEEL

DETROIT US
SP - Polished
SS - Satin Dull

HAND TOOLED FINISHES

CAST WHITE BRONZE METAL

- A3B Edges hand beveled Coarse sanded surface Slashed Black Nickel Plated Baked clear plastic coating
 Imitation Half Polished Iron
- D3B Edges hand beveled Coarse sanded surface Slashed -Black Nickel Plated - Black lacquered
- G1S Cast in hammer marks Black Nickel Plated Highlights Relieved - Where listed only

CAST BRONZE METAL

- E3B Edges hand beveled Coarse sanded surface Slashed Oxidized, relieved Baked clear plastic coating
- E1B Cast in hammer marks Oxidized Baked clear plastic coating Where listed only

BAKED CLEAR PLASTIC COATING

All of our lacquered hardware is now furnished with a clear plastic coating, baked on.

This coating resists most acids and withstands all normal abrasion, as well as high temperatures.



COMPARISON OF FINISHES

US	DETROIT	CORBIN	SARGENT	R & E	YALE	STANLEY
3	Y	Α	В	10	AZ10	C
4	YB	EA	ОВ	9	AZ22	F
9	R	В	P	11	BZ10	A
10	RB	DB	OP	11D	BY22	A5
10B	RD	-	O3P	-	BY23	-
11	RE	нв	O6P	11C	BY21	A4
14	N	E	N	4	NZ10	N
15	NB	DE	LN	14	NY10	N5
19	вв	KF	BN	47	FX80-90	N
20	PA	KB	Α	2	BY25	В
20A	PB	LB	A3B	2 D	BY65	B1
25	NM	NK	EM	44	NZ40	NM
25 D	NMB	DNK	DEM	44D	NY40	NMD
26	СН	CR	СМ	24	DZ10	CM
26D	СНВ	DCR	DCM	34	DY10	CMD



COMPARISON U.S. GOVERNMENT NUMBERS

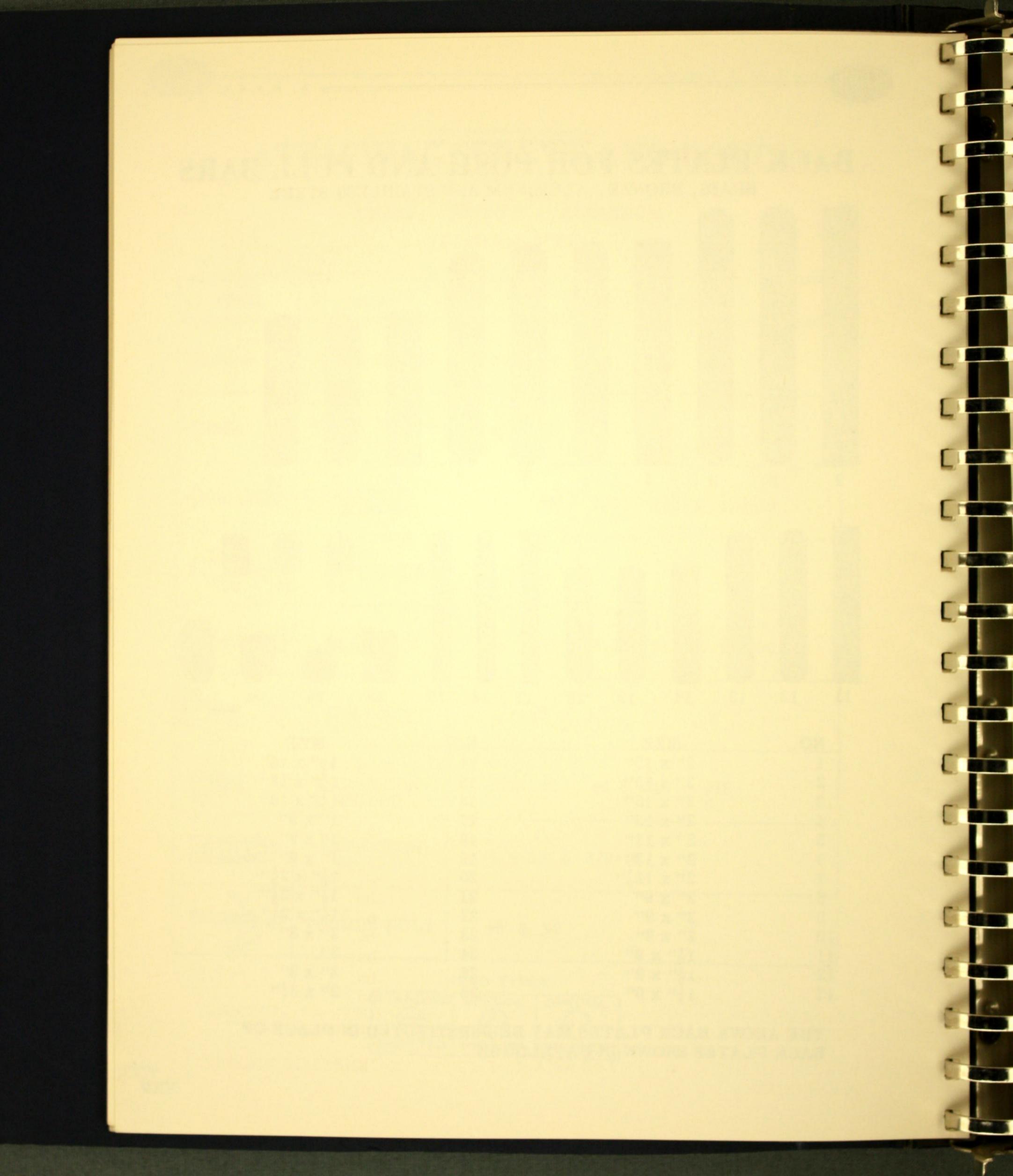
FEDERAL SPECIFICATIONS FF-H-111A AND FF-H-106A

US	DETROIT	DESCRIPTION	PAGE
420	800 x 100WB	ENTRANCE DOOR HANDLE	103
421	800 x 100CM	ENTRANCE DOOR HANDLE	103
436	735	DOOR PULL	77
436A	$735\frac{1}{2}$	DOOR PULL	77
439	700CM	DOOR PULL	77
450	1316GB	DOOR PULL	94
451	4312SR	DOOR PULL	92
452	13	DOOR PULL '	112
452	735	DOOR PULL	77
452	$735\frac{1}{2}$	DOOR PULL	77
458	737	DOOR PULL	85
458A	739	DOOR PULL	85
459	1739	FLUSH PULL	85A
460	316GB	PUSH PLATE	94
460	314GB	PUSH PLATE	94
461A	314GB	PUSH PLATE	94
462	312SR	PUSH PLATE	92
465	314GB	PUSH PLATE	94
465R	316GB	PUSH PLATE	94
470	470	PUSH BAR	67
471	471	PUSH BAR	47
472	472	PUSH BAR	25
478	1475	PUSH BAR	67
479	479	PUSH BAR	25
479E	472 x 477	PUSH BAR	25-28
492 493	2	PUSH BAR	70
1009	3	PUSH BAR	70
1009 1009B	470	PUSH BAR	67
A1009B	1475	PUSH BAR	67
A1009A	2	PUSH BAR	70
A1009B	3	PUSH BAR	70
1009F	4	PUSH BAR	70
1320	471	PUSH BAR	47
1320E	$13\frac{1}{2}$	DOOR STOP	170
1321	$12\frac{1}{2}$	DOOR STOP	170
1321E	$\frac{12\frac{1}{2}}{12}$	DOOR STOP	170
1328	11½ 11½	DOOR STOP	170
1328E	10½ 10½	DOOR STOP	170
1329	11	DOOR STOP	170
1329E	10	DOOR STOP	170
	10	DOOR STOP	170



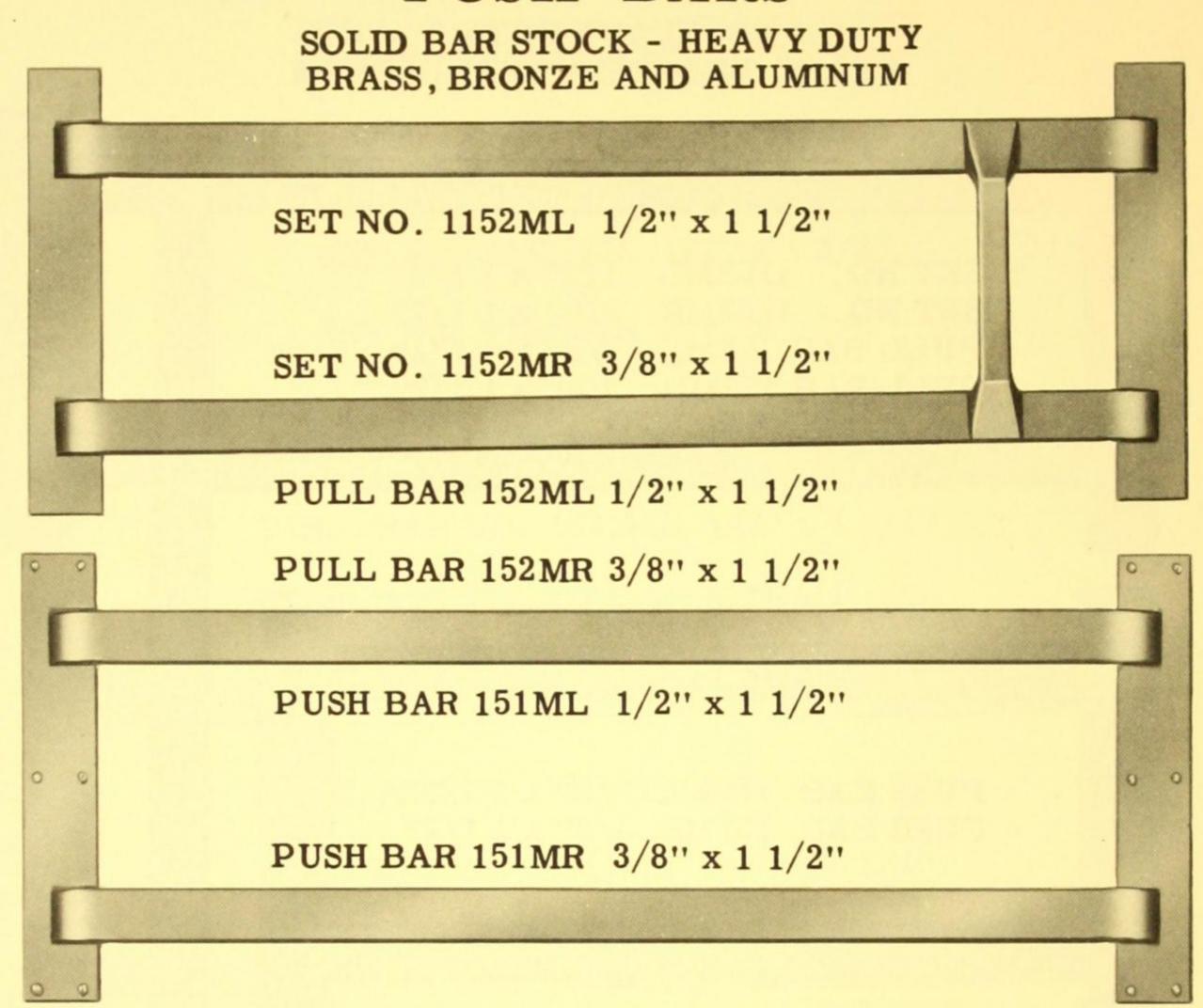
COMPARISON U.S. GOVERNMENT NUMBERS

US	DETROIT	DESCRIPTION	PAGE
1332	$13\frac{1}{2}$	DOOR STOP	170
1334	$13\frac{1}{2}$ $13\frac{1}{2}$	DOOR STOP	170
1334	$12\frac{1}{2}$	DOOR STOP	170
1336	13	DOOR STOP	170
1336	12	DOOR STOP	170 170
1340	$11\frac{1}{2}$	DOOR STOP	170
1340	$10\frac{1}{2}$	DOOR STOP DOOR STOP	170
1341	11	DOOR STOP	170





PUSH BARS



				OVER		BACKSET
NO.	BASES	PROJ.	CLEAR.	GRIP	SPACING	OF GRIP
151ML	2" x 13"	1 5/8"	1 1/8"	2 1/2"	8"	-
152ML	2" x 13"	1 5/8"	1 1/8"	2 1/2"	8"	4 1/2"
151MR	2" x 13"	1 1/2"	1 1/8"	2 3/8"	8"	-
152MR	2" x 13"	1 1/2"	1 1/8"	2 3/8"	8''	4 1/2"

Weight 31" C - C

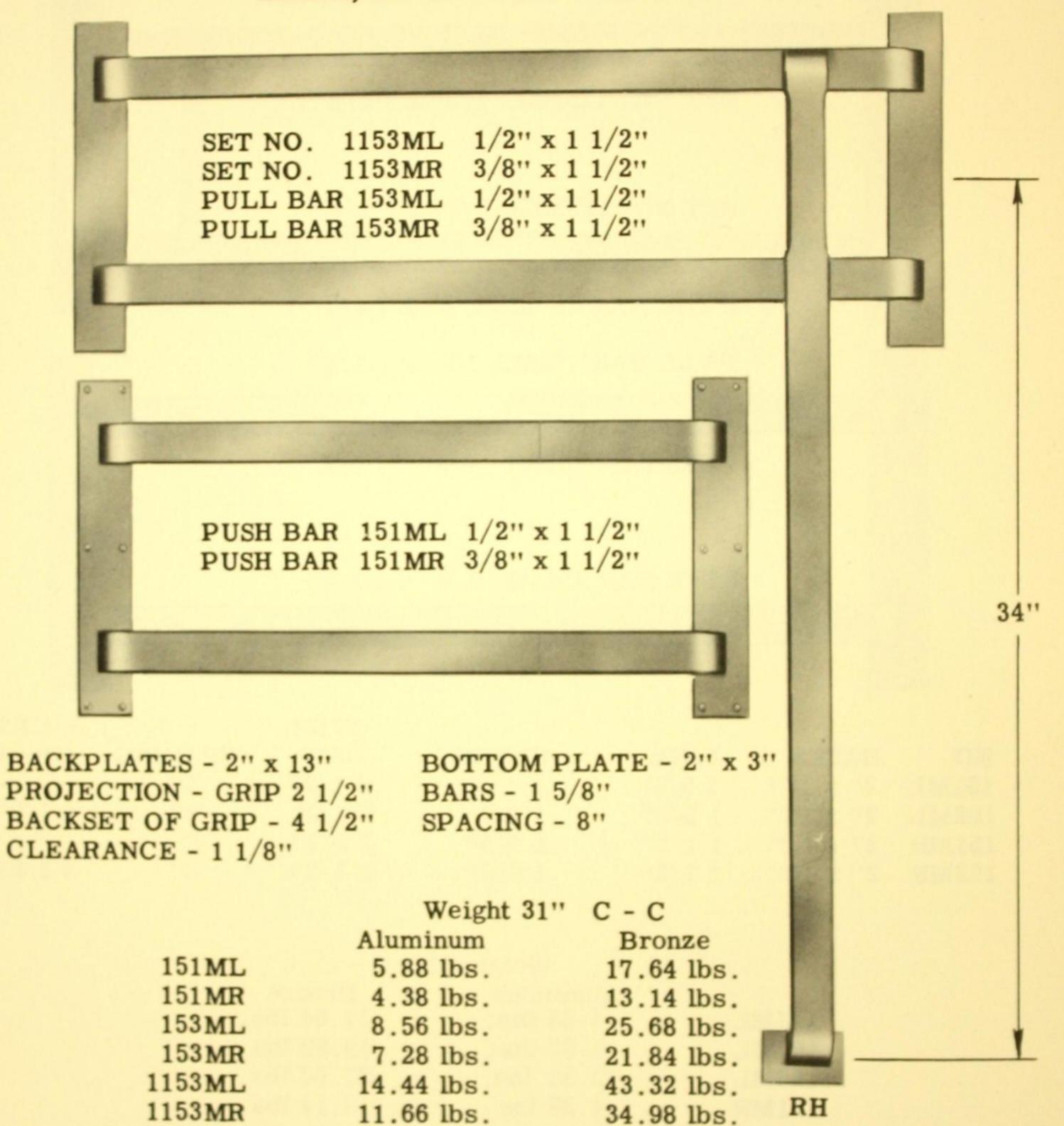
	Aluminum	Bronze
151ML	5.88 lbs.	17.64 lbs.
152ML	6.63 lbs.	19.89 lbs.
1152ML	12.51 lbs.	37.53 lbs.
151MR	4.38 lbs.	13.14 lbs.
152MR	4.89 lbs.	14.67 lbs.
1152MR	9.27 lbs.	27.81 lbs.

FURNISHED WITH THROUGH BOLTS OR SURFACE SCREWS AS ORDERED. WHEN USED BACK TO BACK, SEX BOLTS WILL BE FURNISHED.

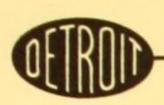


PUSH AND PULL BARS

HEAVY DUTY BRASS, BRONZE AND ALUMINUM

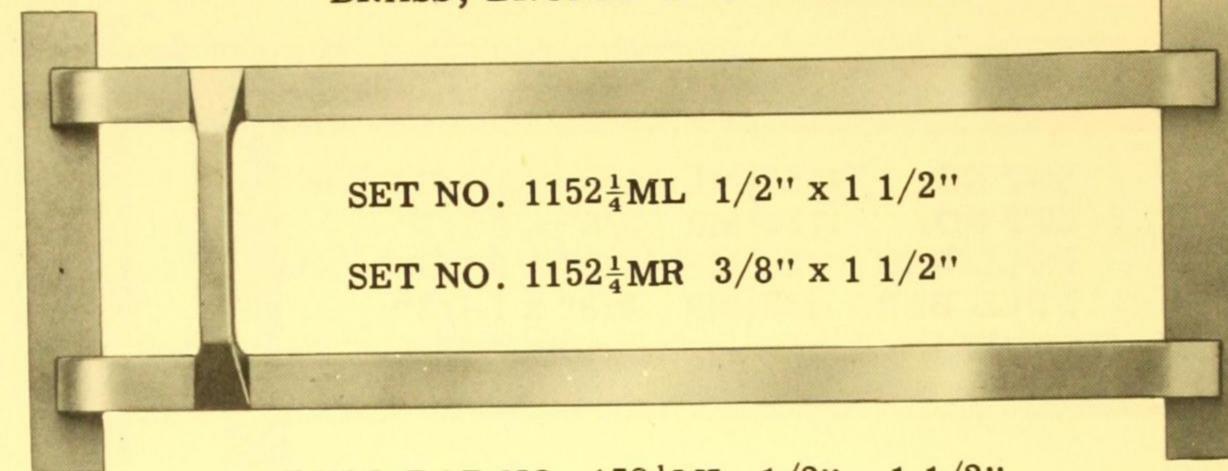


FURNISHED WITH THROUGH BOLTS, SURFACE SCREWS, AS ORDERED. WHEN ORDERED BACK TO BACK, SEX BOLTS WILL BE FURNISHED.

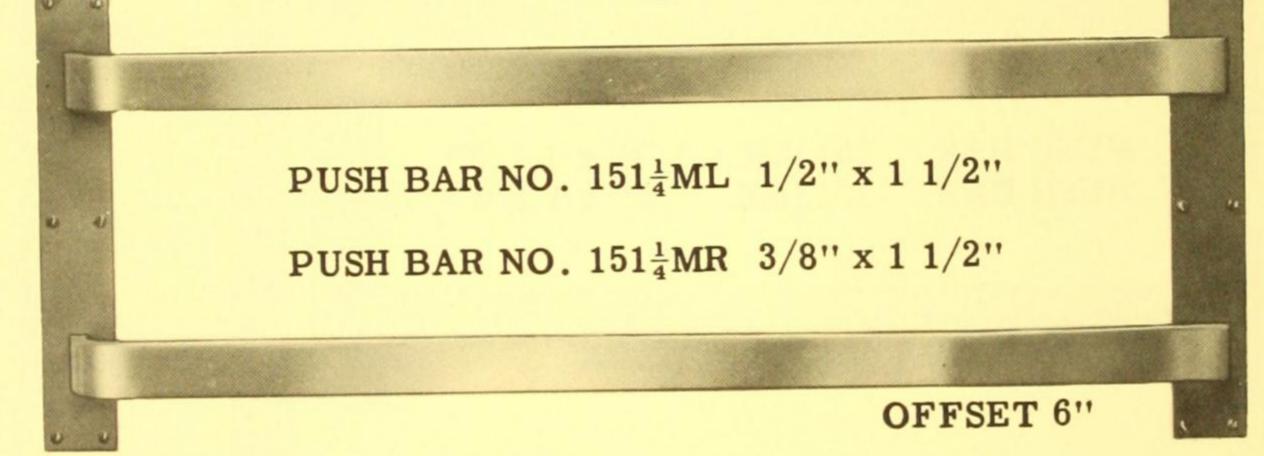


OFFSET PUSH AND PULL BARS

SOLID BAR STOCK - HEAVY DUTY BRASS, BRONZE AND ALUMINUM



PULL BAR NO. $152\frac{1}{4}$ ML 1/2" x 1 1/2" PULL BAR NO. $152\frac{1}{4}$ MR 3/8" x 1 1/2"



				OVER		BACKSET
NO.	BASES	PROJ.	CLEAR.	GRIP	SPACING	OF GRIP
151 ¹ / ₄ ML	2" x 13"	1 5/8"	1 1/8"	2 1/2"	8''	-
$151\frac{1}{4}MR$	2" x 13"	1 1/2"	1 1/4"	2 3/8"	8"	-
$152\frac{1}{4}ML$	2" x 13"	1 5/8"	1 1/8"	2 1/2"	8"	4 1/2"
152 1 MR	2" x 13"	1 1/2"	1 1/4"	2 3/8"	8''	4 1/2"

Weight 31" C - C

	Aluminum	Bronze
$151\frac{1}{4}ML$	5.88 lbs.	17.64 lbs.
$152\frac{1}{4}ML$	6.63 lbs.	19.89 lbs.
1152 1 ML	12.51 lbs.	37.53 lbs.
$151\frac{1}{4}MR$	4.38 lbs.	13.14 lbs.
$152\frac{1}{4}MR$	4.89 lbs.	14.67 lbs.
1152 1 MR	9.27 lbs.	27.81 lbs.

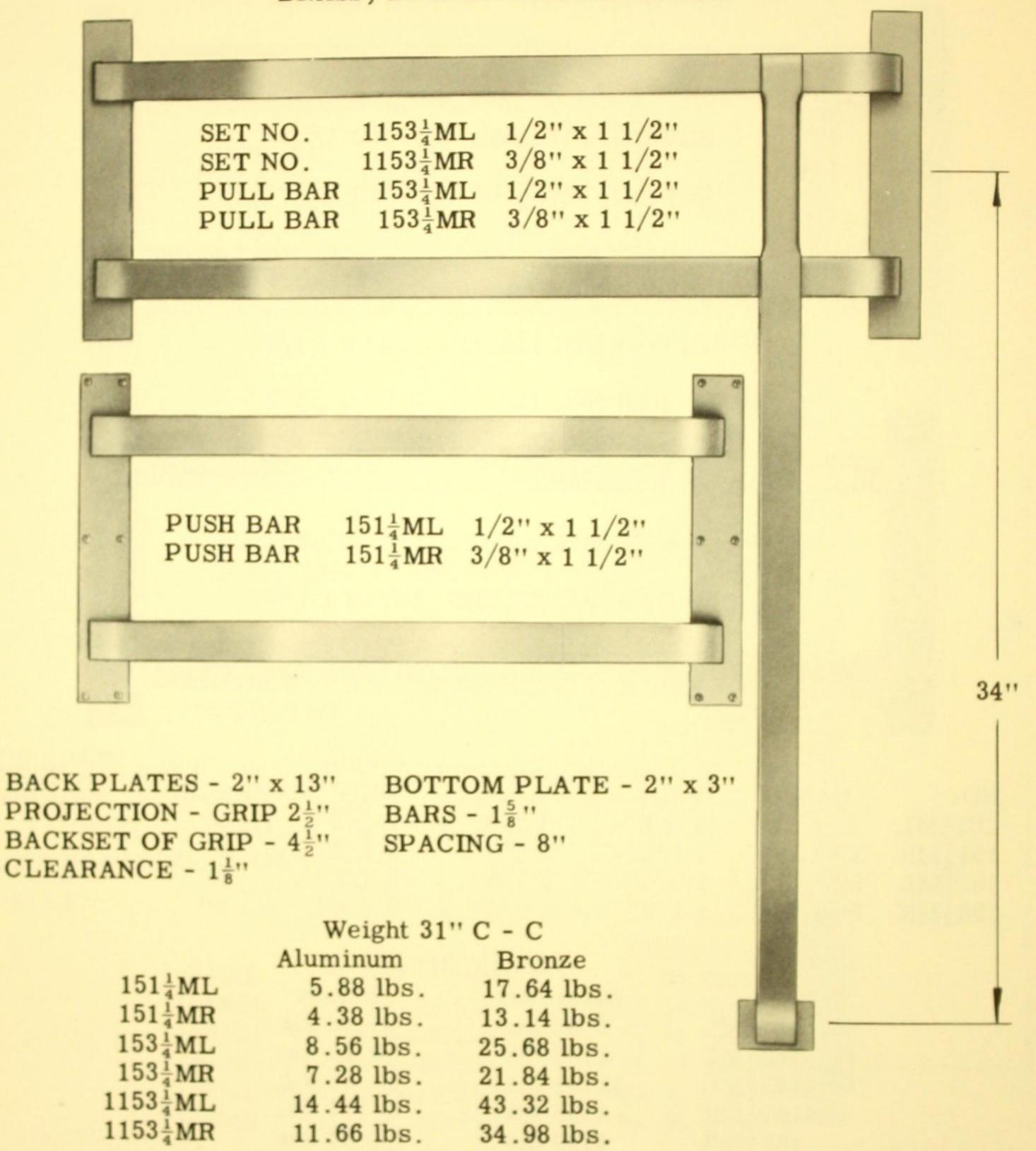
FURNISHED WITH THROUGH BOLTS OR SURFACE SCREWS AS ORDERED. WHEN USED BACK TO BACK, SEX BOLTS WILL BE FURNISHED.

SPECIFY C - C MEASUREMENT, THICKNESS OF DOORS AND FINISH.



OFFSET PUSH AND PULL BARS

SOLID BAR STOCK - HEAVY DUTY BRASS, BRONZE AND ALUMINUM

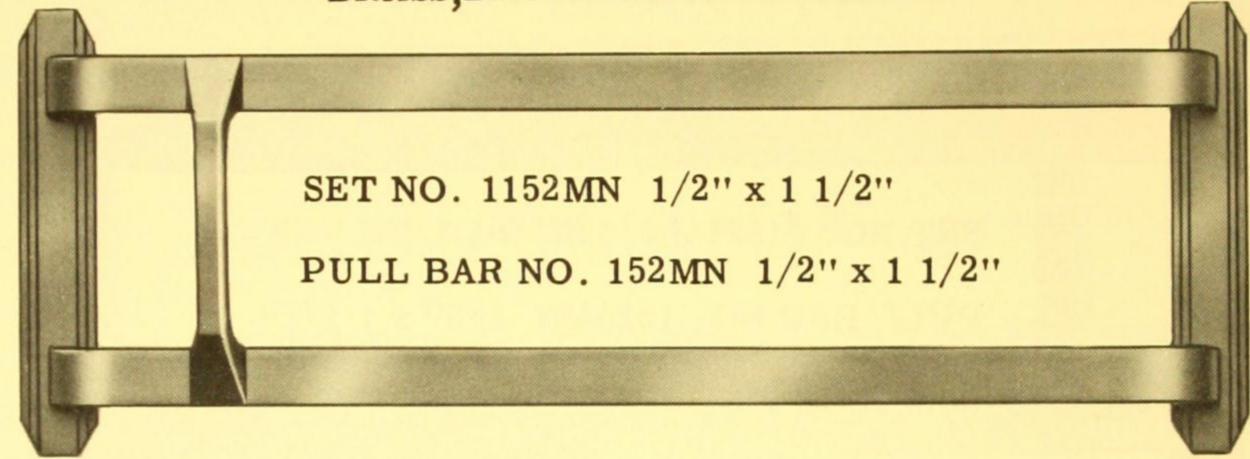


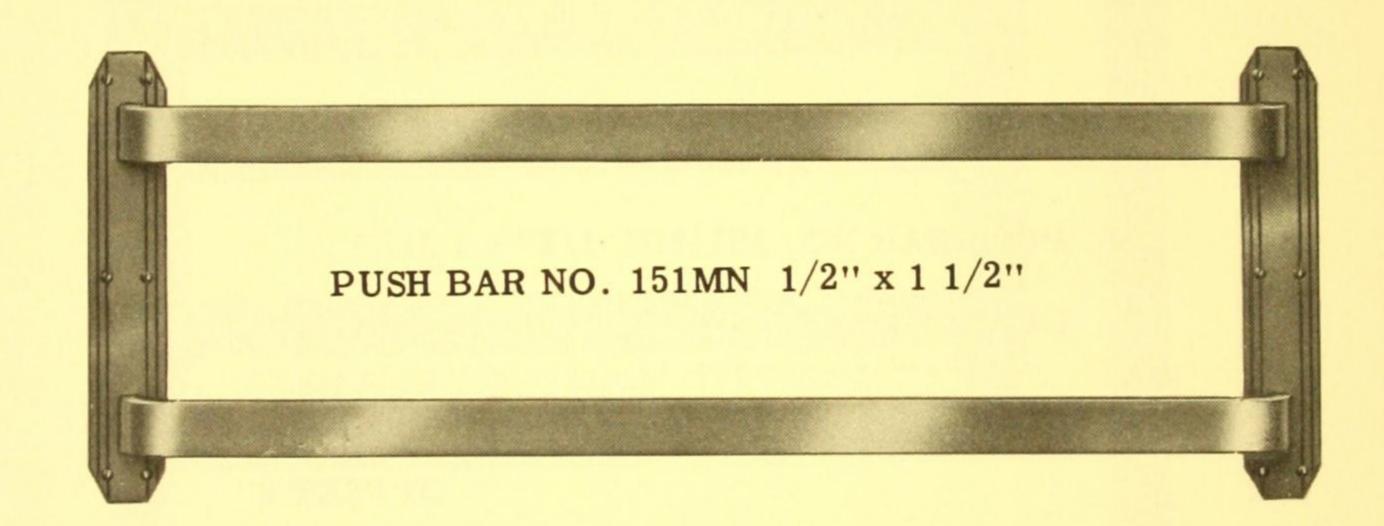
FURNISHED WITH THROUGH BOLTS, SURFACE SCREWS, AS ORDERED. WHEN ORDERED BACK TO BACK, SEX BOLTS WILL BE FURNISHED.



PUSH AND PULL BARS

SOLID BAR STOCK - HEAVY DUTY BRASS, BRONZE AND ALUMINUM





				OVER		BACKSET
NO.	BASES	PROJ.	CLEAR.	GRIP	SPACING	OF GRIP
151MN	2" x 12 3/8"	1 5/8"	1 1/8"	2 1/2"	8"	-
152MN	2" x 12 3/8"	1 5/8"	1 1/8"	2 1/2"	8"	4 1/2"

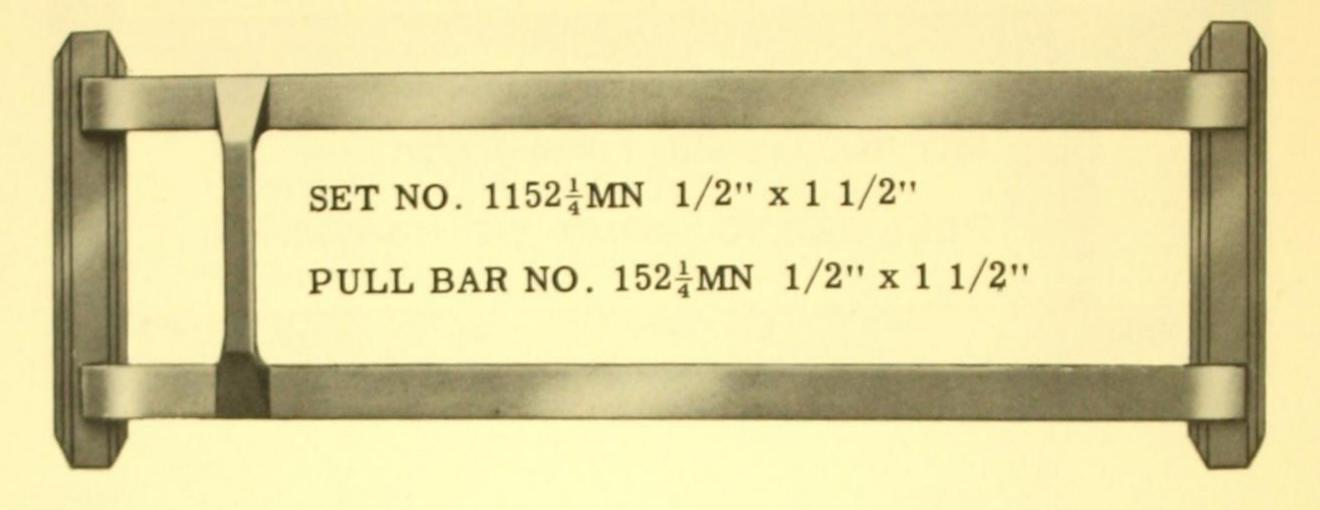
	Weight 31"	C - C
	Aluminum	Bronze
151MN	5.88 lbs.	17.64 lbs.
152MN	6.63 lbs.	19.98 lbs.
1152 MN	12.51 lbs.	37.53 lbs.

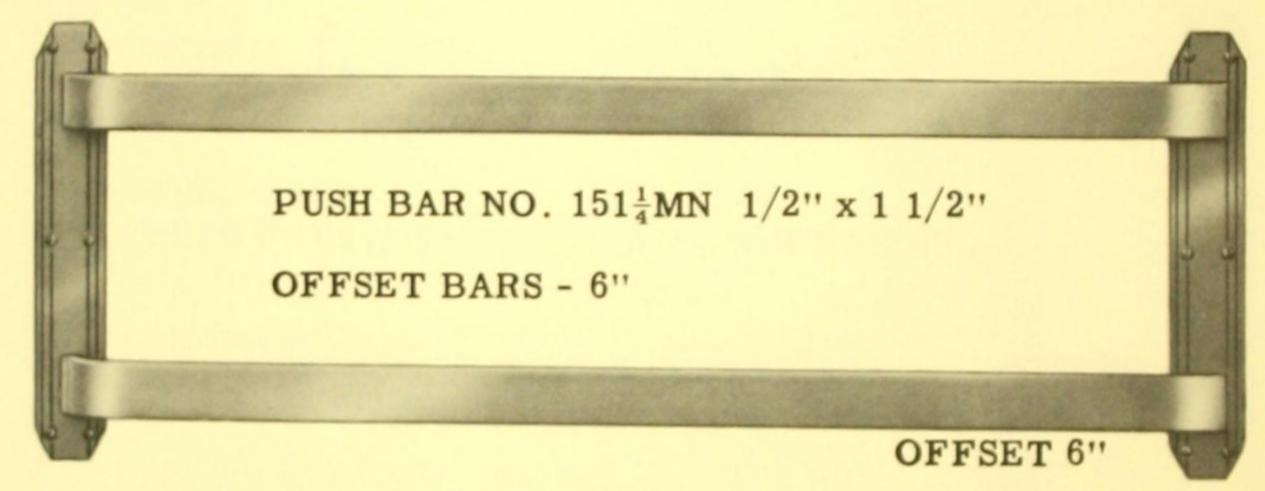
FURNISHED WITH THROUGH BOLTS OR SURFACE SCREWS AS ORDERED. WHEN USED BACK TO BACK, SEX BOLTS WILL BE FURNISHED.



OFFSET PUSH AND PULL BARS

SOLID BAR STOCK - HEAVY DUTY BRASS, BRONZE AND ALUMINUM





NO.	BACK PLATES	PROJ.	OVER GRIP	CLEAR.	SPACING
$152\frac{1}{4}MN$	2" x 123"	1 5 "	21/11	1 1 1 1 1	8"
151 ¹ / ₄ MN	2" x 123"	1 5 "	21/2"	11/8"	8"
	BACKSET OF	GRIP - 411"			

WEIGHT

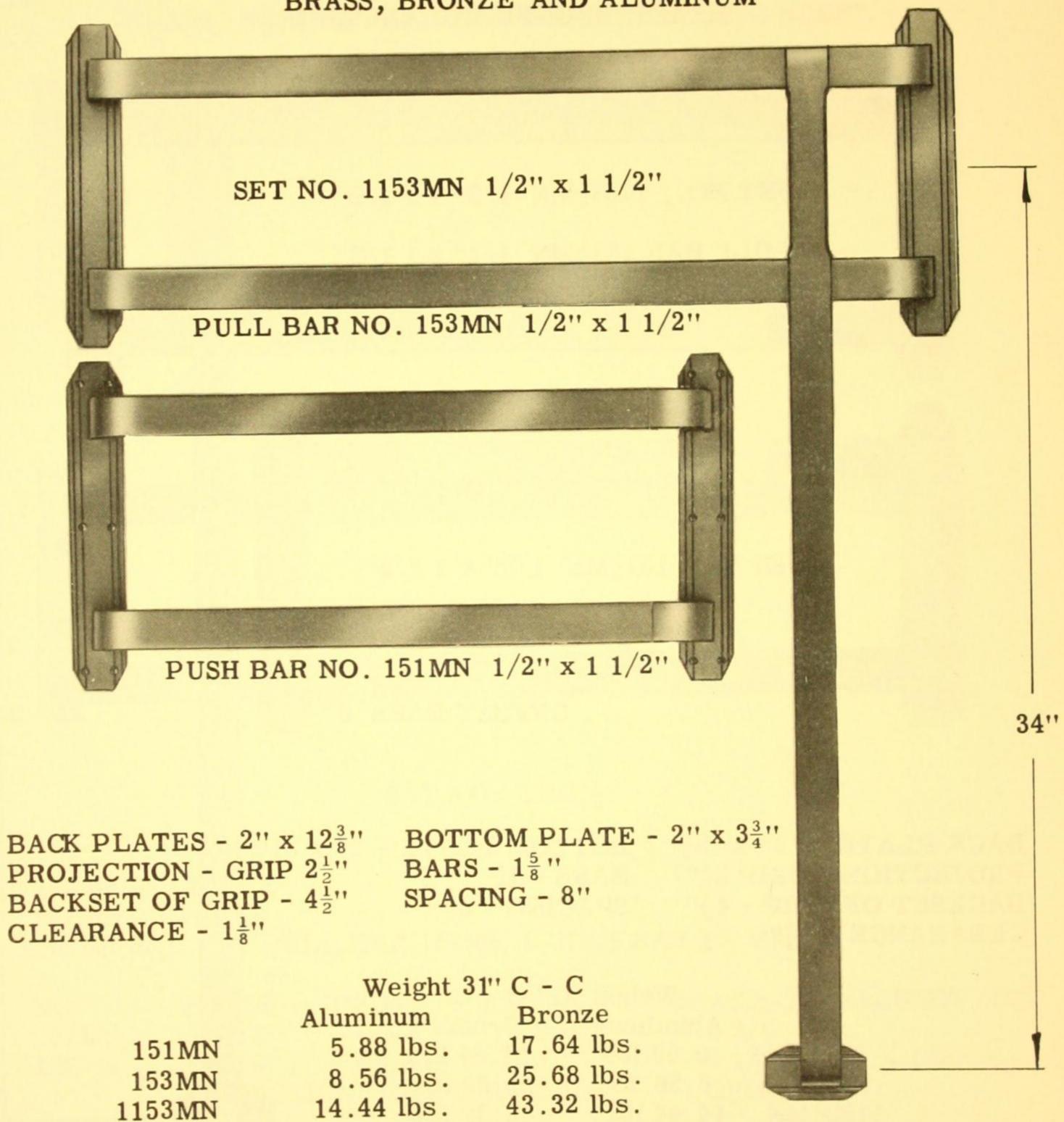
	Bronze	Aluminum	
$152\frac{1}{4}MN$	17.64 lbs.	5.88 lbs.	
151 ¹ / ₄ MN	19.89 lbs.	6.63 lbs.	
1152 ¹ / ₄ MN	37.53 lbs.	12.51 lbs.	

FURNISHED WITH THROUGH BOLTS OR SURFACE SCREWS AS ORDERED. WHEN FURNISHED BACK TO BACK, SEX BOLTS WILL BE FURNISHED.

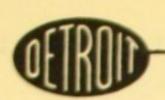


PUSH AND PULL BARS

SOLID BAR STOCK - HEAVY DUTY BRASS, BRONZE AND ALUMINUM

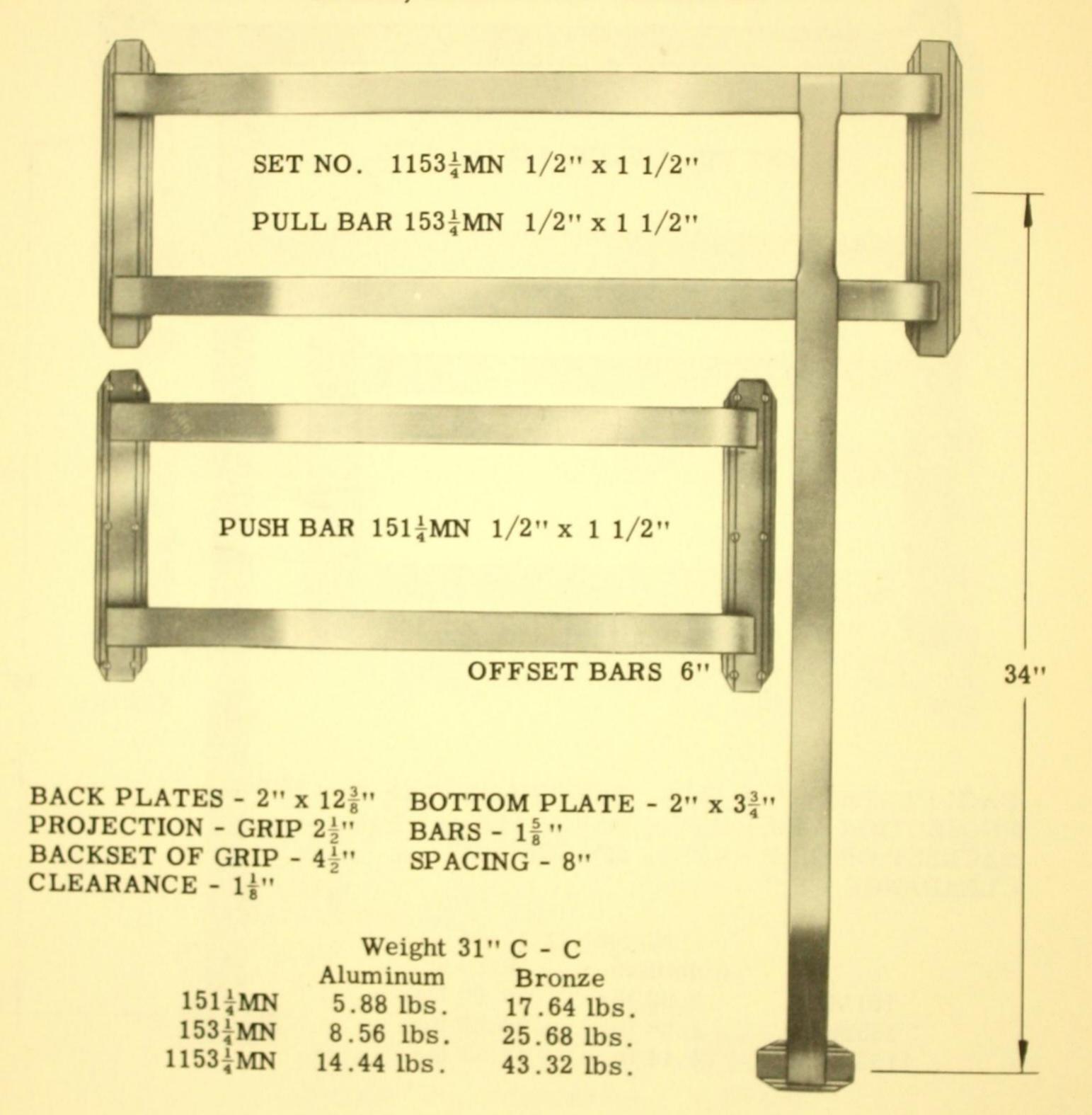


FURNISHED WITH THROUGH BOLTS, SURFACE SCREWS, AS ORDERED. WHEN ORDERED BACK TO BACK, SEX BOLTS WILL BE FURNISHED.



OFFSET PUSH AND PULL BARS

SOLID BAR STOCK - HEAVY DUTY BRASS, BRONZE AND ALUMINUM

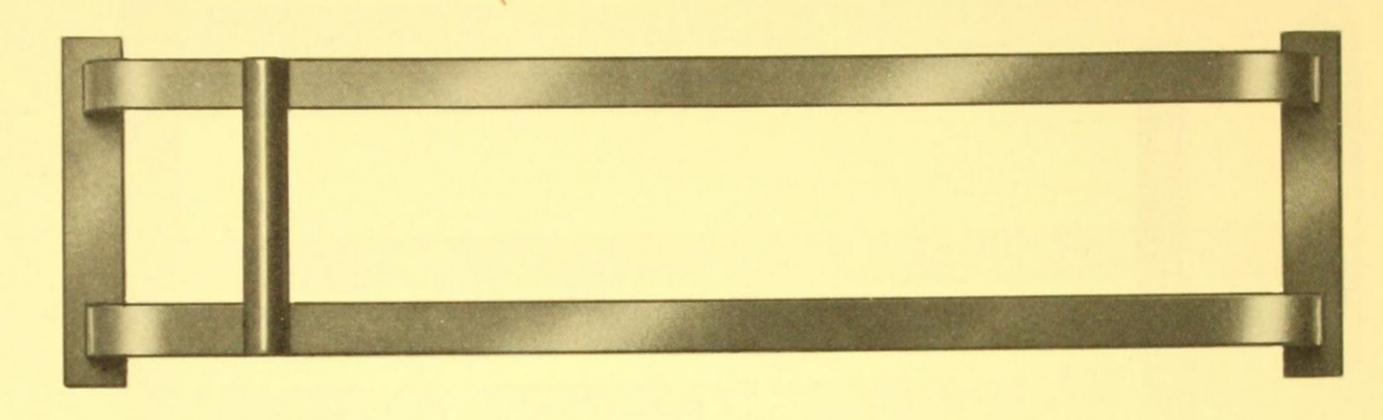


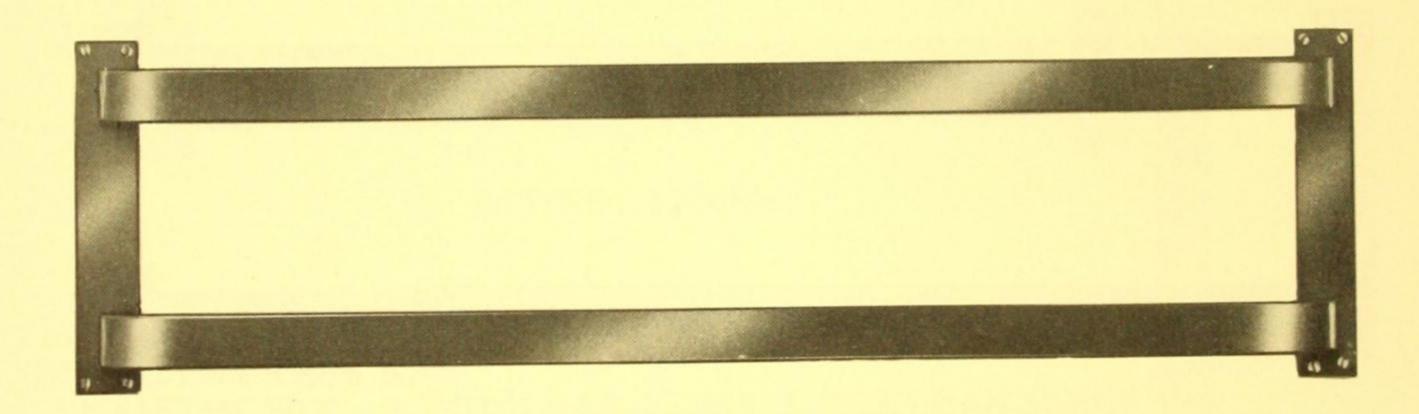
FURNISHED WITH THROUGH BOLTS, SURFACE SCREWS, AS ORDERED. WHEN ORDERED BACK TO BACK, SEX BOLTS WILL BE FURNISHED.



PUSH AND PULL BARS

SOLID BAR STOCK 3/8" x 1 1/4"
BRASS, BRONZE, ALUMINUM AND STAINLESS STEEL





SET NO. 1152MS

152MS PULL BAR 151MS PUSH BAR 1152MS SET - 1 PULL BAR 152MS 1 PUSH BAR 151MS

NO.	BASES	PROJ.	CLEAR.	SPACING	BACKSET GRIP
151MS	1½" x 9"	1 3/4"	1 3/8"	6 1/4"	-
152MS	$1\frac{1}{2}$ " x 9"	1 3/4"	1 3/8"	6 1/4"	4 1/2"
	PROJECT	ION OVER	GRIP 2 3/8"	GRIP 1 1	./8"

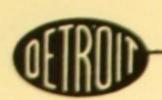
WEIGHT 31" C - C

Bronze Aluminum 10.50 lbs. 3.50 lbs.

151MS 10.50 lbs. 3.50 lbs. 152MS 13.50 lbs. 4.50 lbs.

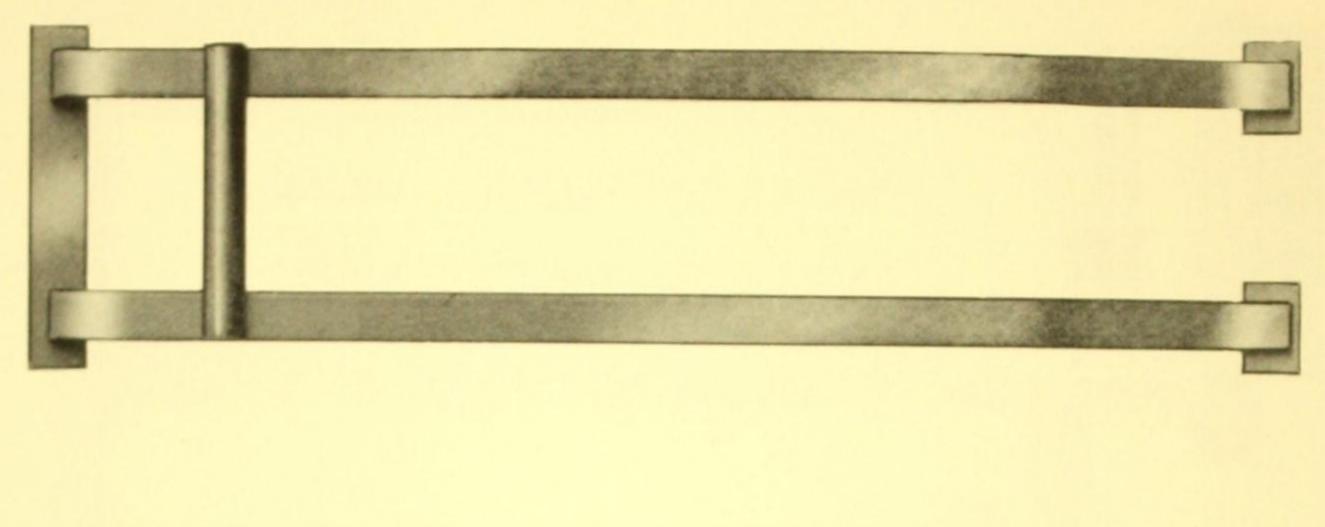
FURNISHED WITH SURFACE SCREWS OR THROUGH BOLTS AS ORDERED. WHEN FURNISHED BACK TO BACK, SEX BOLTS WILL BE FURNISHED.

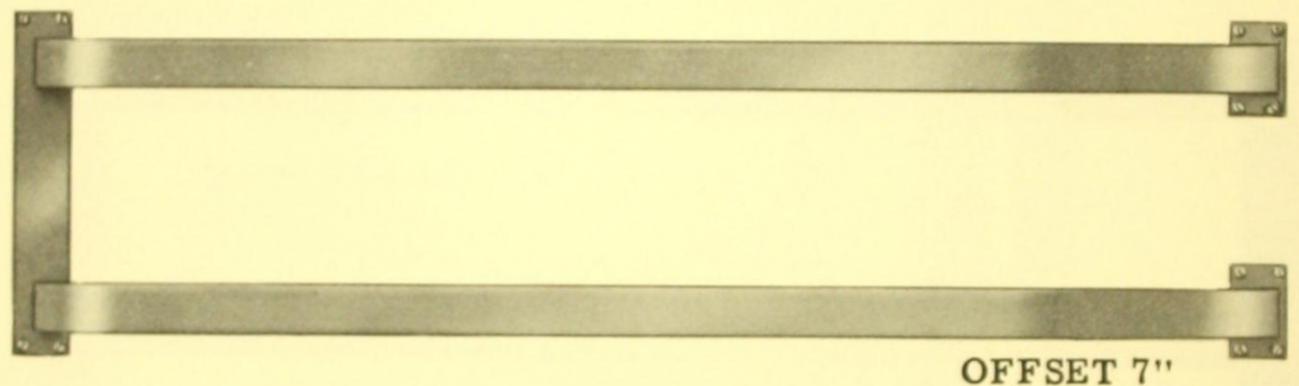
SPECIFY C - C MEASUREMENT, THICKNESS OF DOORS AND FINISH.



OFFSET PUSH AND PULL BARS

SOLID BAR STOCK 3/8" x 1 1/4"
BRASS, BRONZE, ALUMINUM AND STAINLESS STEEL





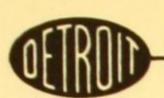
SET NO. $1152\frac{1}{4}MS$

152¼MS PULL BAR 151¼MS PUSH BAR 1152¼MS SET - 1 PULL BAR 152¼MS 1 PUSH BAR 151¼MS

NO.	BASES		CLEAR.	SPACING	GRIP
$151\frac{1}{4}MS$ $152\frac{1}{4}MS$	$1\frac{1}{2}$ " x 9" - $1\frac{1}{2}$ " x $2\frac{1}{2}$	-	$\frac{1\frac{3}{8}}{1\frac{3}{8}}$	$6\frac{1}{4}$ "	
10241115	$1\frac{1}{2}$ " x 9" - $1\frac{1}{2}$ " x $2\frac{1}{2}$ HEIGHT OVER GR		GRIP -	$6\frac{1}{4}$ " $1\frac{1}{8}$ "	41/2"

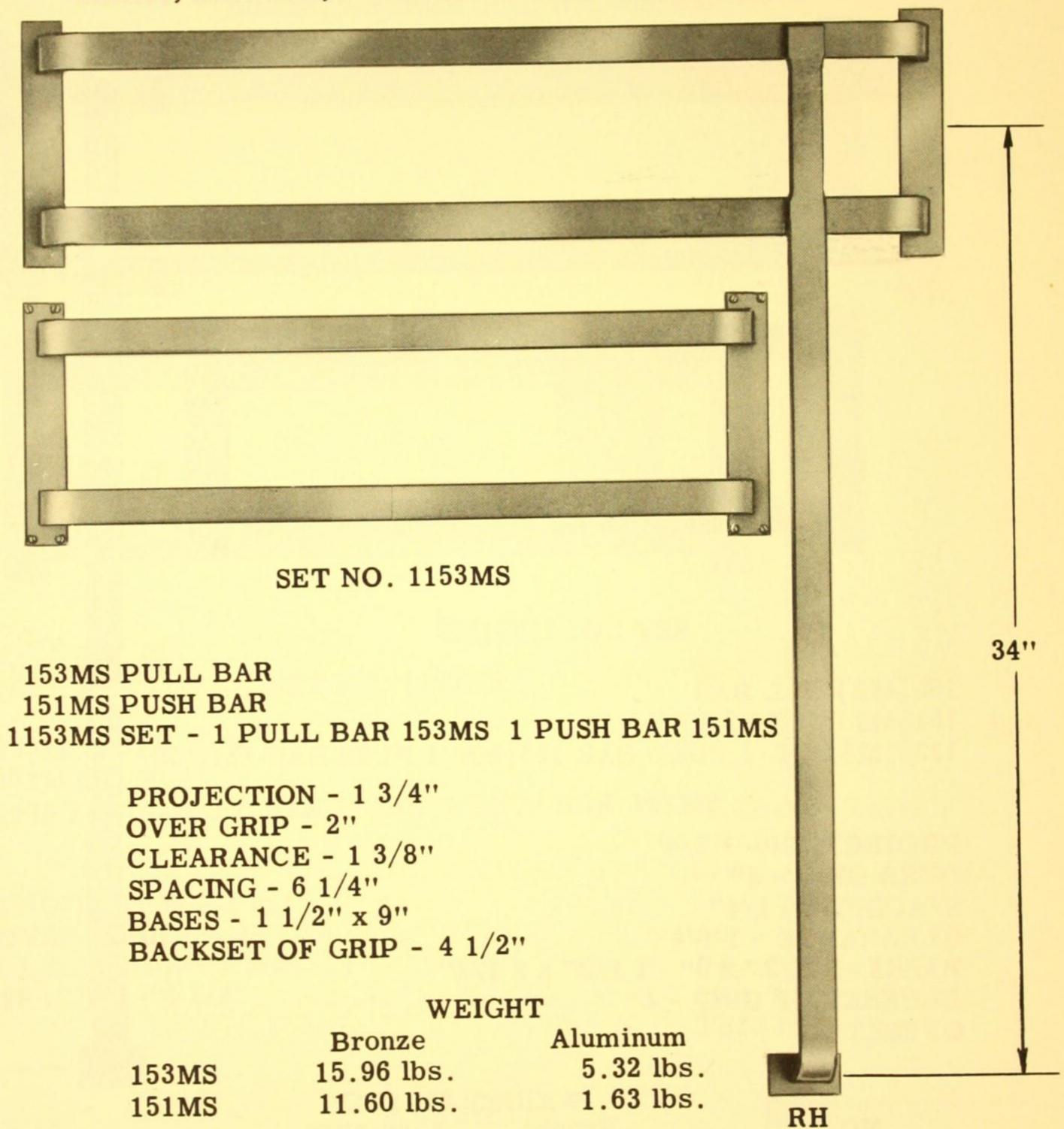
ELONGATED BACK PLATES MAY BE HAD ON ORDER.
FURNISHED WITH SURFACE SCREWS OR THROUGH BOLTS AS ORDERED.
WHEN ORDERED BACK TO BACK, SEX BOLTS WILL BE FURNISHED.

SPECIFY C - C MEASUREMENT, THICKNESS OF DOORS AND FINISH.



PUSH AND PULL BARS

SOLID BAR STOCK 3/8" x 1 1/4"
BRASS, BRONZE, ALUMINUM AND STAINLESS STEEL



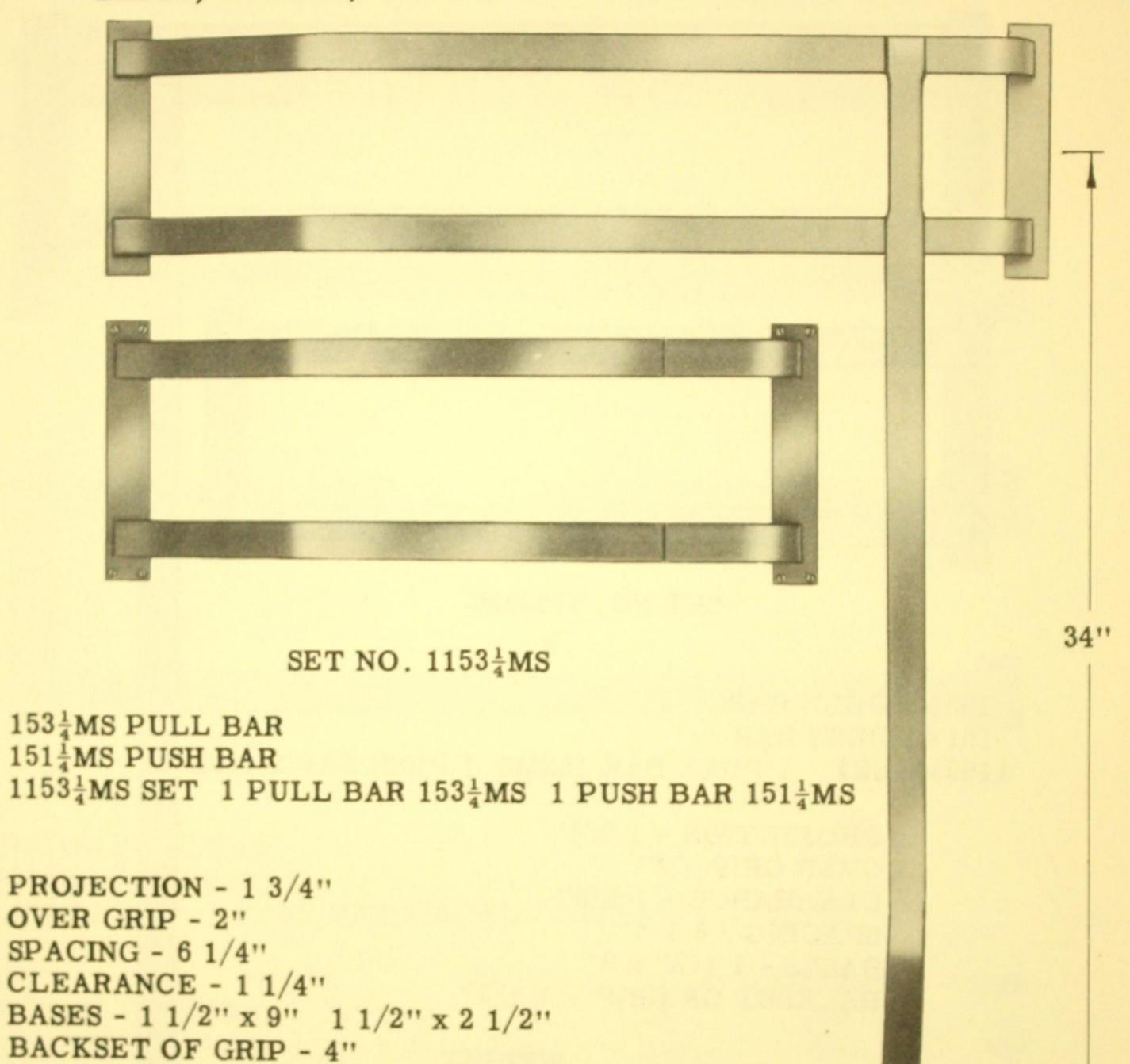
WHEN ORDERED BACK TO BACK, SEX BOLTS WILL BE FURNISHED.

SPECIFY FINISH, HAND AND THICKNESS OR DOORS.



OFFSET PUSH AND PULL BARS

SOLID BAR' STOCK - 3/8" x 1 1/4"
BRASS, BRONZE, ALUMINUM AND STAINLESS STEEL



NO.WEIGHT 31" C-CNO.BronzeAluminum $153\frac{1}{4}$ MS15.96 lbs.5.32 lbs. $151\frac{1}{4}$ MS11.60 lbs.3.87 lbs.

WHEN ORDERED BACK TO BACK, SEX BOLTS WILL BE FURNISHED.

SPECIFY FINISH, HAND AND THICKNESS OF DOORS

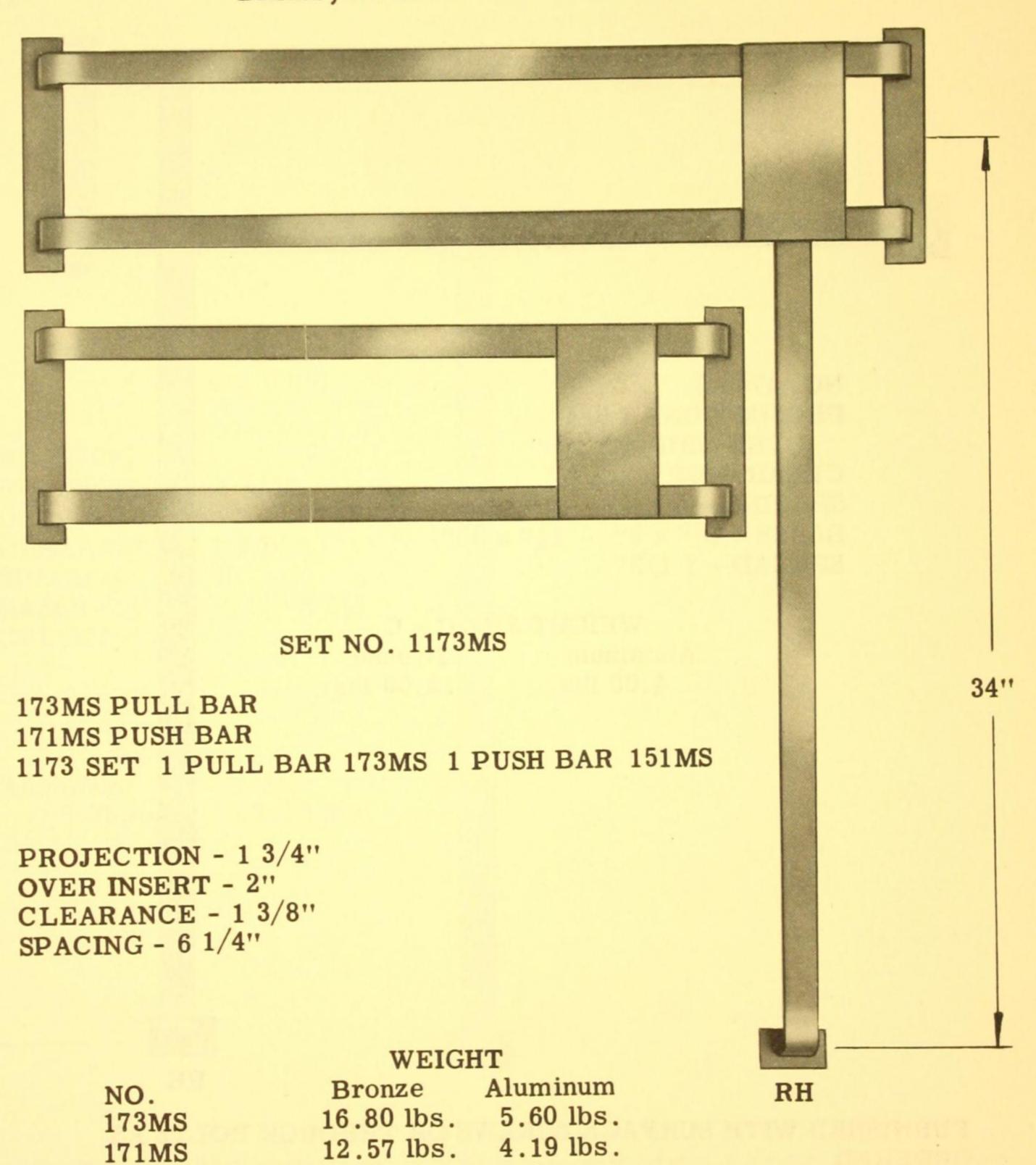
OFFSET - 7"



STANDARD OF QUALITY

PUSH AND PULL BARS

SOLID BAR STOCK 3/8" X 1 1/4" BRASS, BRONZE AND ALUMINUM

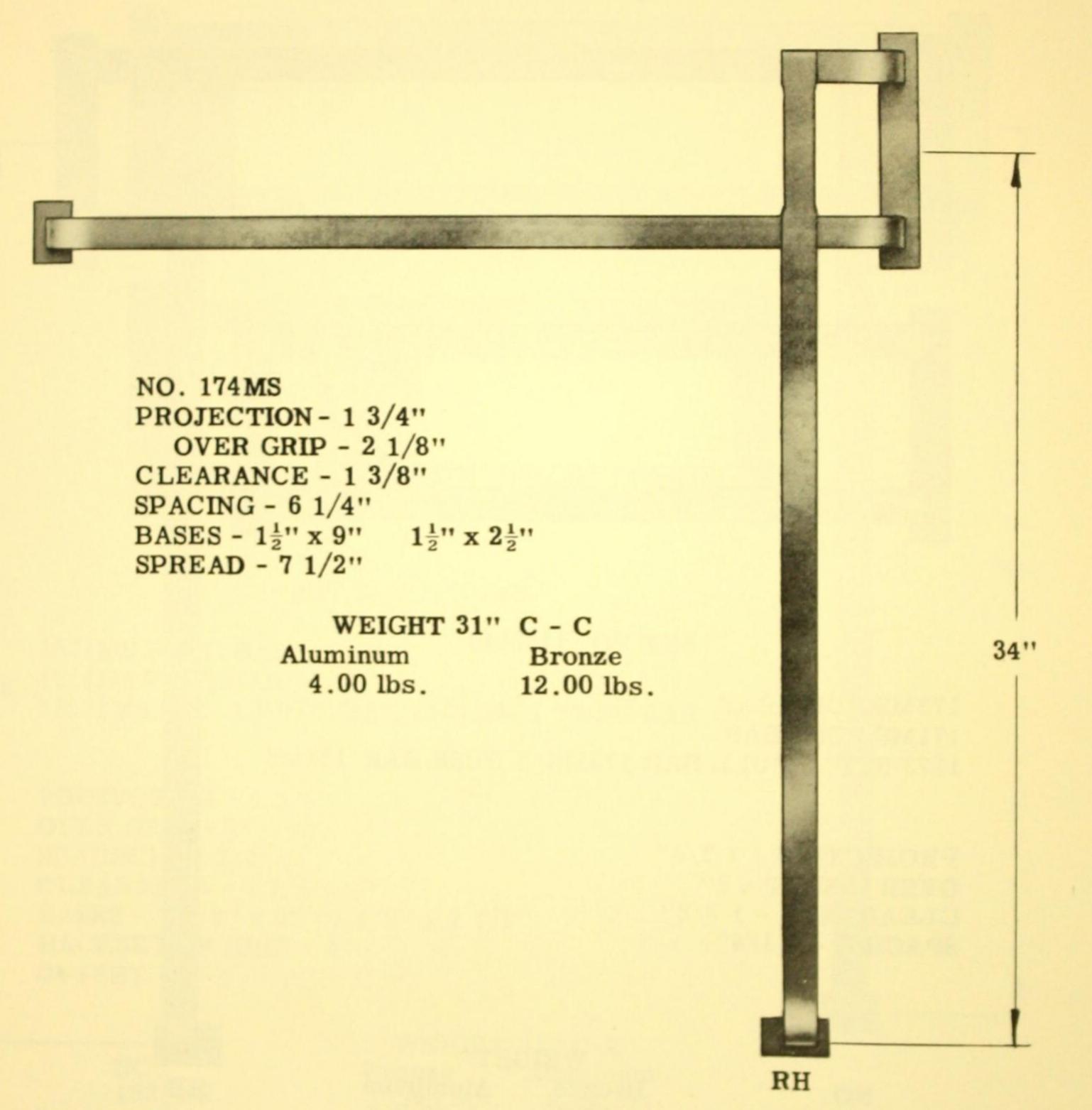


WHEN ORDERED BACK TO BACK, SEX BOLTS WILL BE FURNISHED SPECIFY FINISH, HAND AND THICKNESS OF DOORS



PUSH AND PULL BARS

SOLID BAR STOCK 3/8" x 1 1/4" BRASS, BRONZE AND ALUMINUM



FURNISHED WITH SURFACE SCREWS OR THROUGH BOLTS AS ORDERED.

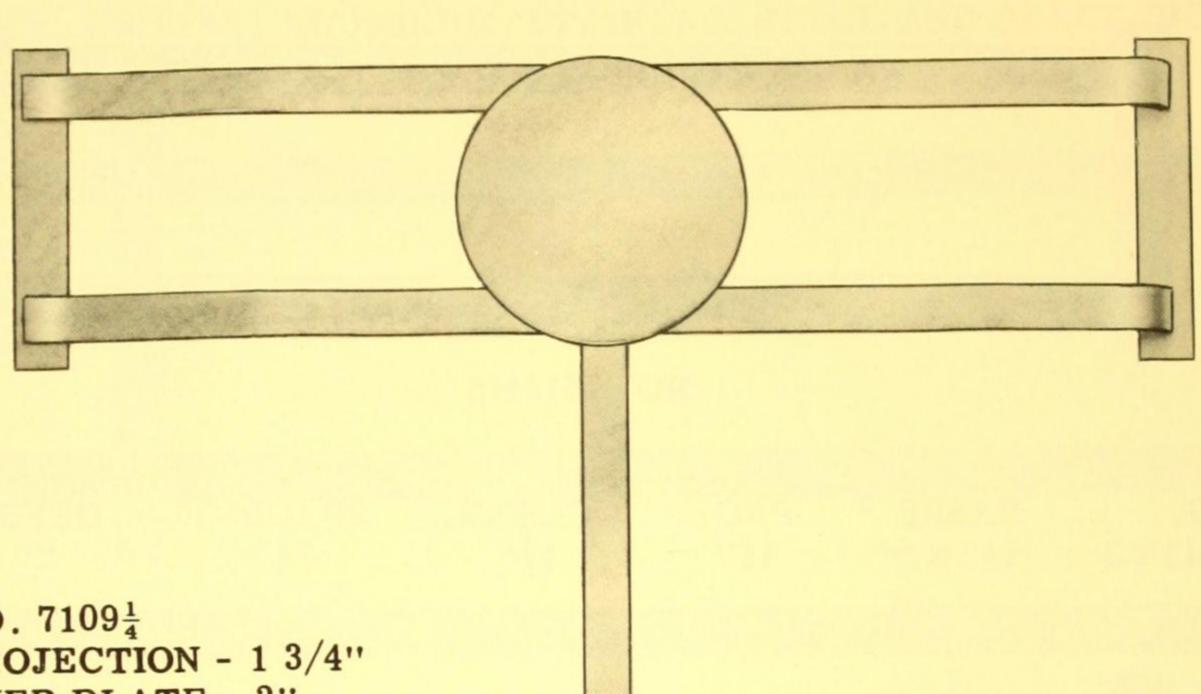
SPECIFY FINISH, AND AND THICKNESS OF DOORS.



STANDARD OF QUALITY

OFFSET PUSH BARS

SOLID BAR STOCK 3/8" x 1 1/4" BRASS, BRONZE AND ALUMINUM



NO. $7109\frac{1}{4}$ PROJECTION - 1 3/4" OVER PLATE - 2" CLEARANCE - 1 3/8" SPACING - 6 1/4" BASES -1 $\frac{1}{2}$ " x 9 $1\frac{1}{2}$ " x $2\frac{1}{2}$ " OFFSET - 7"

WEIGHT

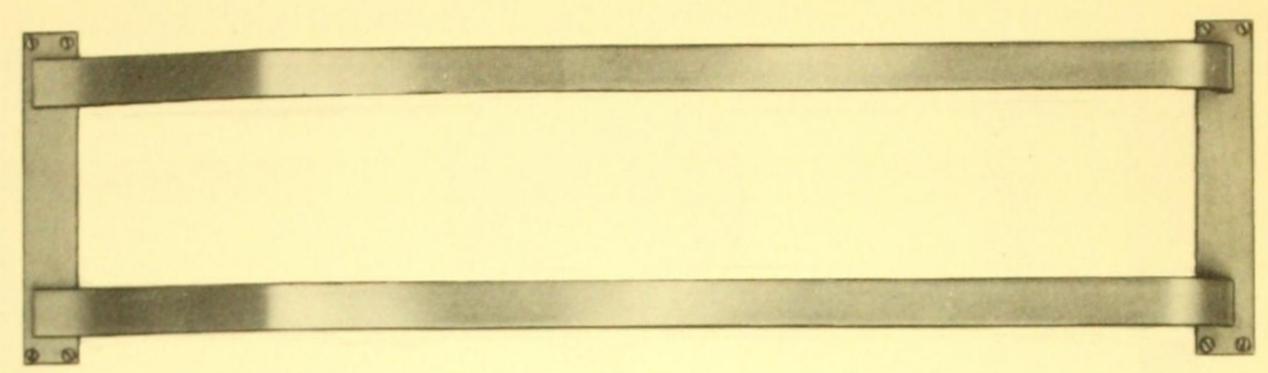
Aluminum Bronze 5.75 lbs. 17.25 lbs.

FURNISHED WITH SURFACE SCREWS OR THROUGH BOLTS AS ORDERED SPECIFY FINISH AND THICKNESS OF DOORS



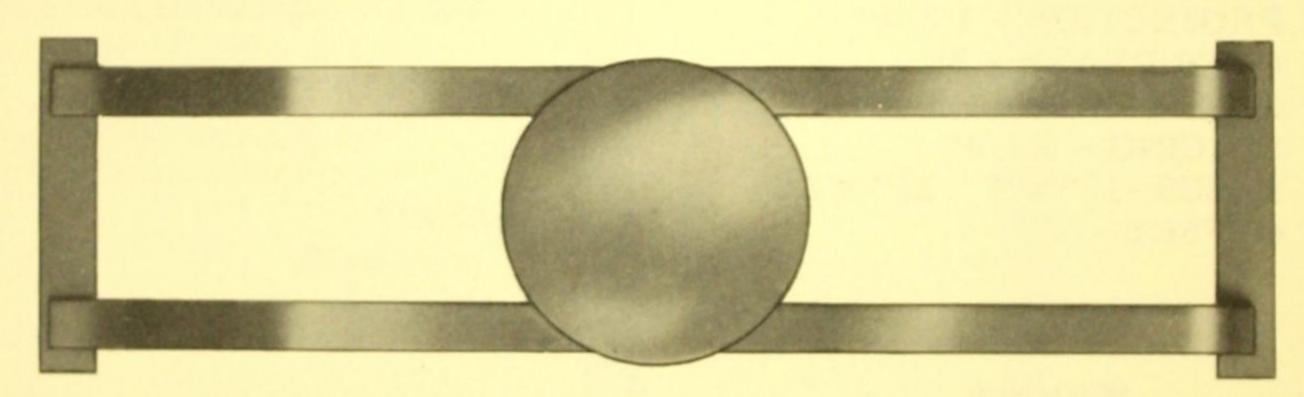
OFFSET PUSH BARS

SOLID BAR STOCK 3/8" x 1 1/4" BRASS, BRONZE AND ALUMINUM



NO. $151\frac{1}{4}$ MS

NO. BASES PROJ. CLEAR. SPACING OFFSET $151\frac{1}{4}$ MS $1\frac{1}{2}$ " x 9" $1\frac{3}{4}$ " $1\frac{3}{8}$ " $6\frac{1}{4}$ " 7"



NO. $7110\frac{1}{4}$

NO. BASES PROJ. CLEAR. SPACING OFFSET $110\frac{1}{4}$ $1\frac{1}{2}$ " x 9" $1\frac{3}{4}$ " $1\frac{3}{8}$ " $6\frac{1}{4}$ " 7"

WEIGHT - 31" C -C

NO.
 $151\frac{1}{4}$ MSAluminum
10.50 lbs.Bronze
3.50 lbs. $7110\frac{1}{4}$ 12.75 lbs.4.25 lbs.

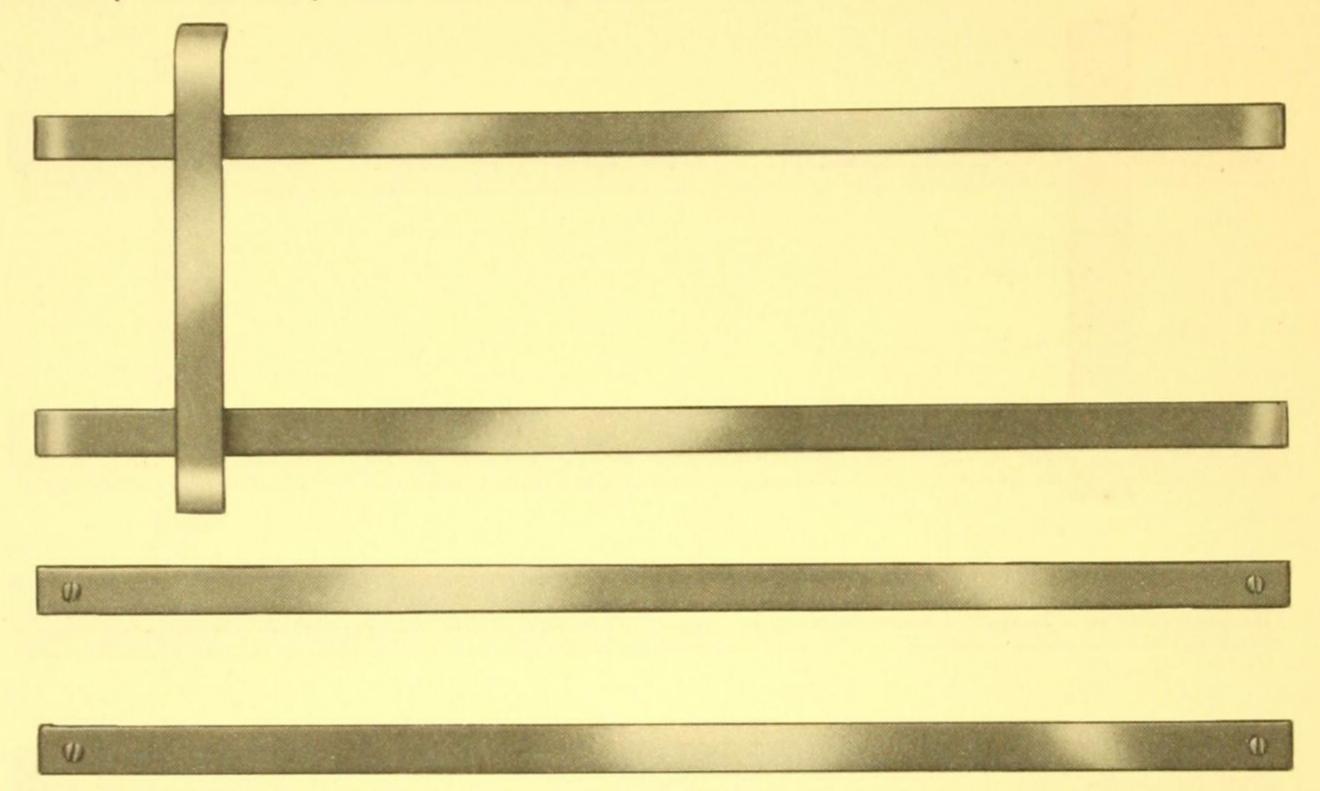
FURNISHED WITH SURFACE SCREWS OR THROUGH BOLTS AS ORDERED SPECIFY FINISH, CENTER TO CENTER MEASUREMENT AND THICKNESS OF DOORS



STANDARD OF QUALITY

PUSH AND PULL BARS

SOLID BAR STOCK 3/8" x 1 1/4"
BRASS, BRONZE, ALUMINUM, STAINLESS STEEL AND BLACK IRON



SET NO. 479

472 SINGLE PUSH BAR 476 DOUBLE PULL BAR 479 SET - 2 PUSH BARS 472 1 PULL BAR 476

472 PUSH BARS Clearance 3/8" Projection 3/4" Pads 3/8" x 2" 476 PULL BARS Clearance 3/8" Projection 3/4" Pads 3/8" x 2" Projection over Grip 2 7/16" Spacing 8" Size of Grip $1\frac{1}{4}$ " x $13\frac{1}{8}$ " x 3/8"

SETS PACKED WITH THROUGH BOLTS OR SEX BOLTS BACK TO BACK AS ORDERED

Aluminum Bronze
472 PUSH BARS 4 in a box - Wght. 31" C-C 1.63 lbs. 3.26 lbs.
476 PULL BARS 1 in a box - Wght. 31" C-C 4.00 lbs. 12.00 lbs.
479 SETS - 1 set in a box - Wght. 31" C-C 7.25 lbs. 21.75 lbs.

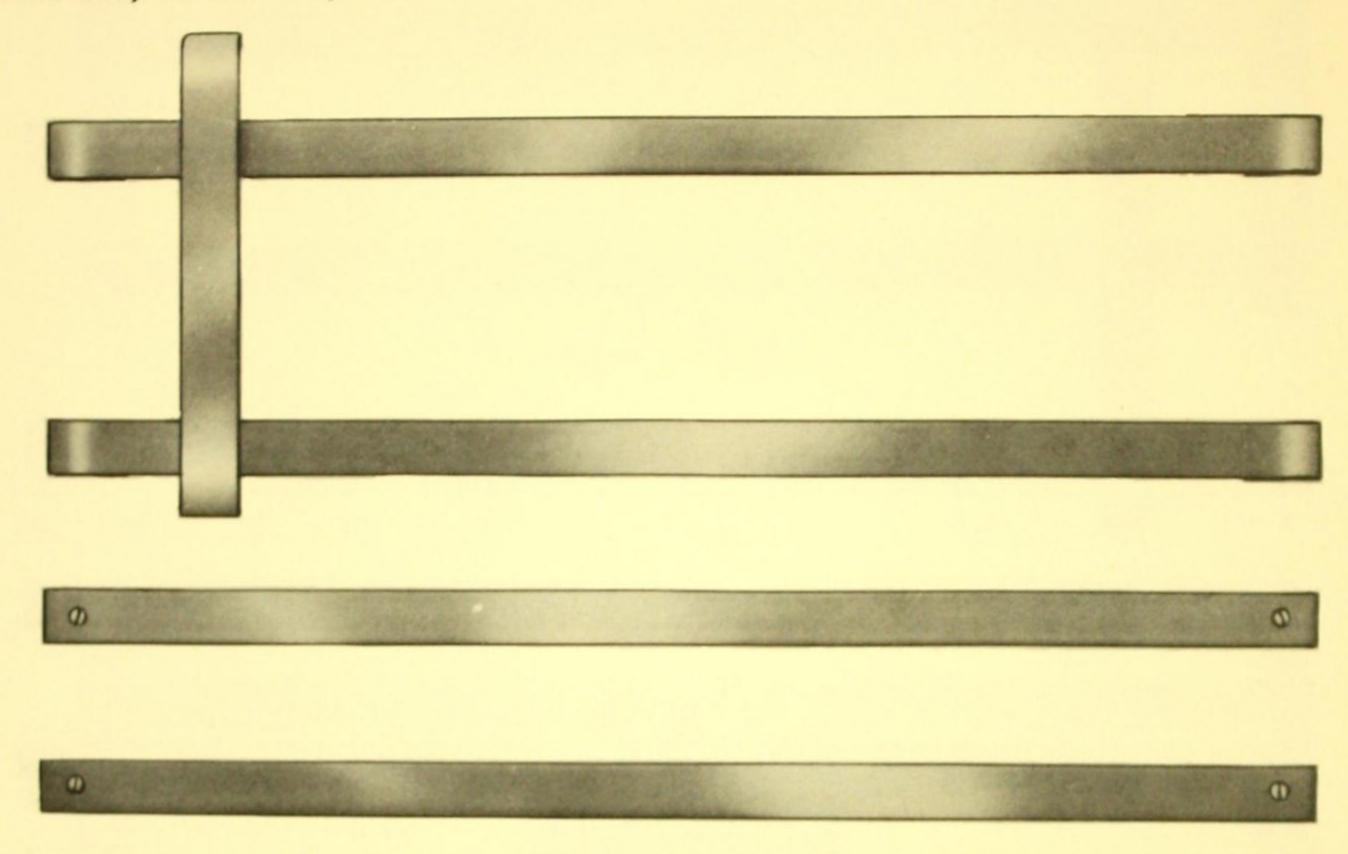
SPECIFY CENTER TO CENTER MEASUREMENTS, THICKNESS OF DOORS AND FINISH.

PULL BARS 476 ARE REVERSIBLE



PUSH AND PULL BARS

SOLID BAR STOCK 3/8" x 1 1/2"
BRASS, BRONZE, ALUMINUM, STAINLESS STEEL AND BLACK IRON



SET NO. 1504

500 SINGLE PUSH BAR 504 DOUBLE PULL BAR 1504 SET - 2 PUSH BARS 500 1 PULL BAR 504

500 PUSH BAR Clearance 3/8" Projection 3/4" Pads $1\frac{1}{2}$ " x 2" 504 PULL BAR Clearance 3/8" Projection 3/4" Pads $1\frac{1}{2}$ " x 2" Projection over Grip 2 11/16" Spacing 8" Size of Grip $1\frac{1}{2}$ " x $14\frac{1}{2}$ " x 3/8"

SETS PACKED WITH THROUGH BOLTS OR SEX BOLTS BACK TO BACK AS ORDERED

500 PUSH BARS 4 in a box - Wght. 31" C-C	Aluminum 1.92 lbs.	Bronze 5.75 lbs.
505 PULL BARS 1 in a box - Wght. 31" C-C	4.64 lbs.	13.88 lbs.
1504 SETS 1 set in a box - Wght. 31" C-C	8.42 lbs.	25.25 lbs.

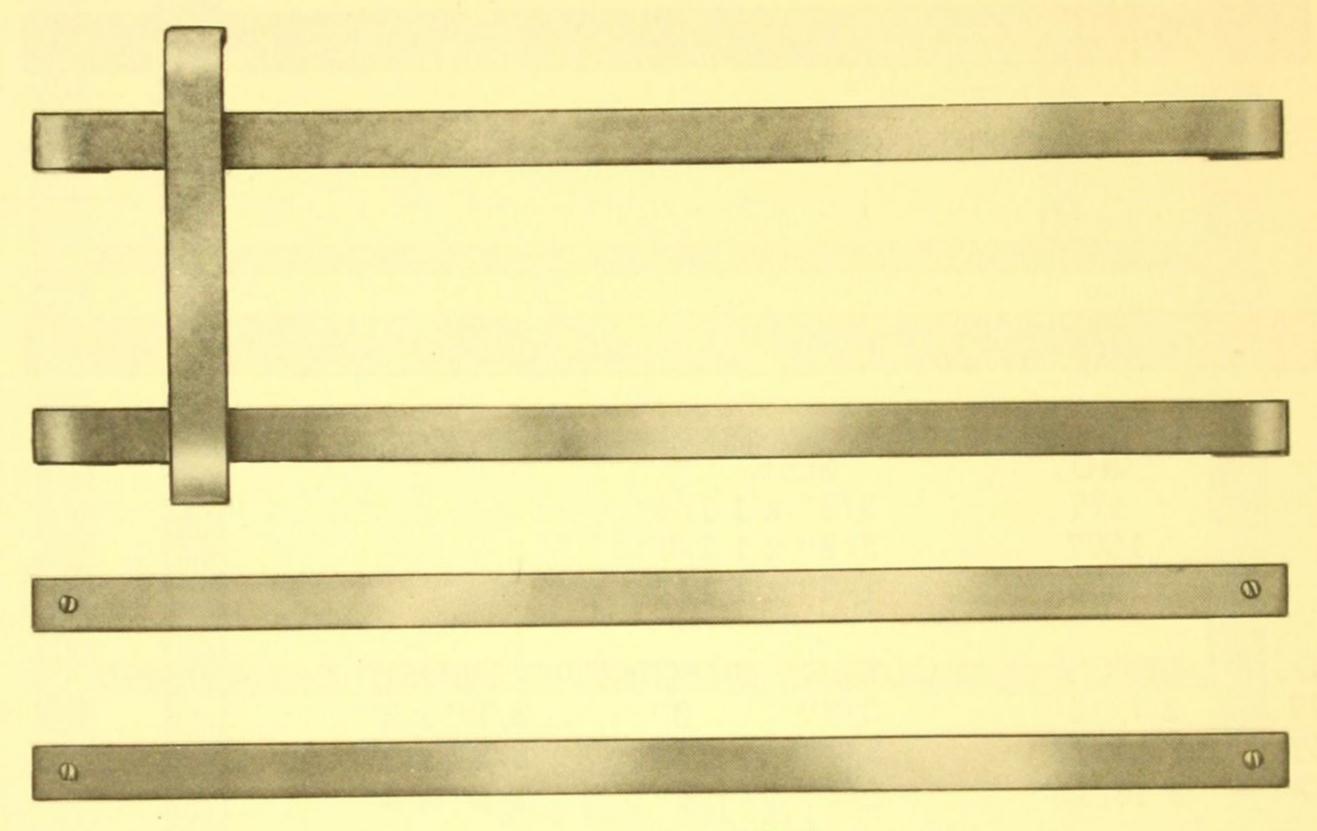
SPECIFY CENTER TO CENTER MEASUREMENTS, THICKNESS OF DOORS AND FINISH.

PULL BARS 504 ARE REVERSIBLE



PUSH AND PULL BARS

SOLID BAR STOCK 1/2" x 1 1/2"
BRASS, BRONZE, ALUMINUM, STAINLESS STEEL AND BLACK IRON



SET NO. 1505

501 SINGLE PUSH BAR 505 DOUBLE PULL BAR

1505 SET - 2 PUSH BARS 501 1 PULL BAR 505

501 PUSH BARS Clearance 1/2" Projection 1" Pads $1\frac{1}{2}$ " x 2" 505 PULL BARS Clearance 1/2" Projection 1" Pads $1\frac{1}{2}$ " x 2" Projection over Grip 2 13/16" Spacing 8" Size of Grip $1\frac{1}{2}$ " x $14\frac{1}{4}$ " x 1/2"

SETS PACKED WITH THROUGH BOLTS OR SEX BOLTS BACK TO BACK AS ORDERED

 501 PUSH BARS 4 in a box - Wght. 31" C-C
 Aluminum
 Bronze

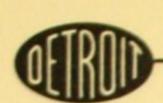
 505 PULL BARS 1 in a box - Wght. 31" C-C
 2.69 lbs.
 8.63 lbs.

 1505 SETS - 1 set in a box - Wght. 31" C-C
 6.37 lbs.
 19.13 lbs.

 35.25 lbs.
 35.25 lbs.

SPECIFY CENTER TO CENTER MEASUREMENTS, THICKNESS OF DOORS AND FINISH.

PULL BARS 505 ARE REVERSIBLE



PUSH BARS

SOLID BAR STOCK BRASS, BRONZE, ALUMINUM AND STAINLESS STEEL

	NO. 477 1507 1508	3/8" x	E 1 1/4" 1 1/2" 1 1/2"		
NO. 477 1507 1508	PROJ. 2 7/16" 2 11/16" 2 13/16"	CLEAR. 3/8" 3/8" 1/2"	SPACING 8" 8"	PADS 3/8" x 2" 3/8" x 2" 1/2" x 2"	
	NO. 477 1507 1508	WEIGH Bronze 14.14 lbs. 20.28 lbs. 25.89 lbs.		S.	

THESE BARS ARE REVERSIBLE

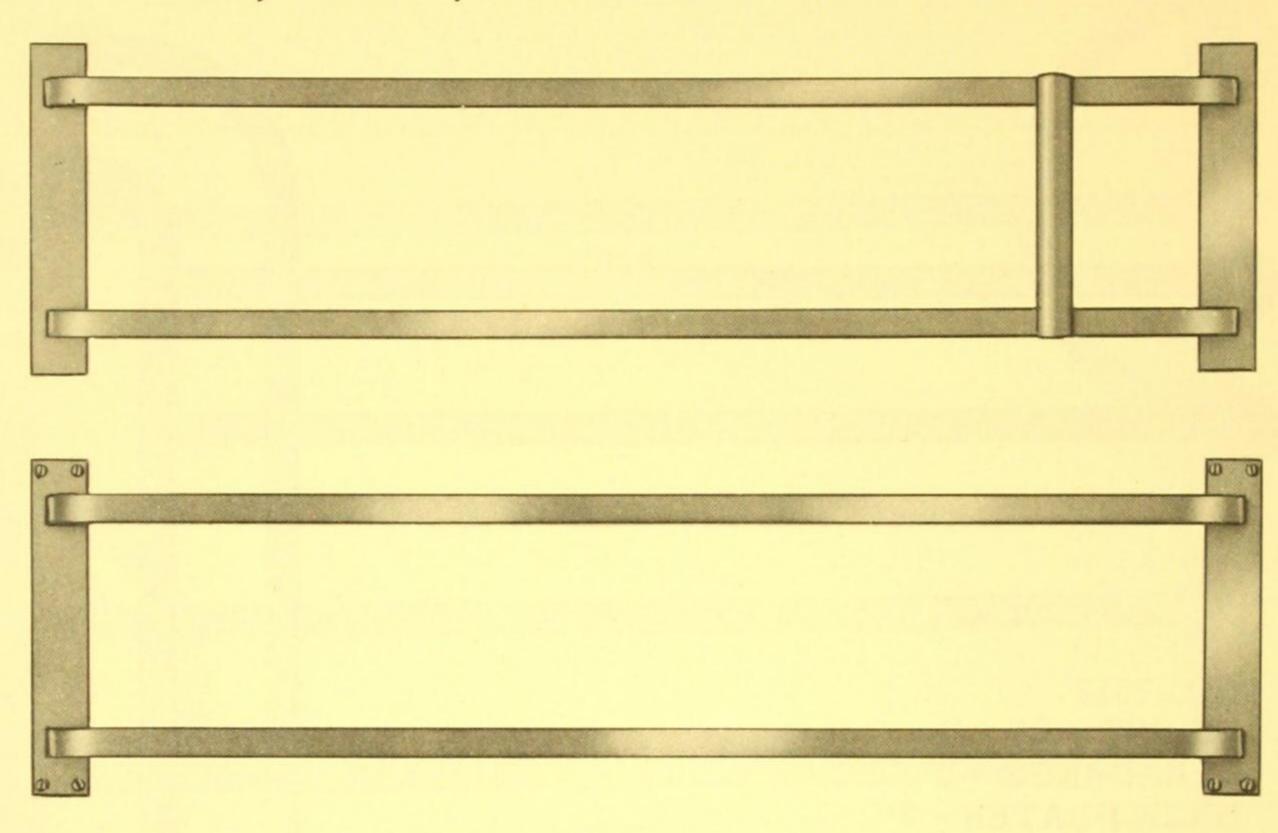
SPECIFY CENTER TO CENTER MEASUREMENT, THICKNESS OF DOORS AND FINISH.

WHEN ORDERED BACK TO BACK, SEX BOLTS WILL BE FURNISHED



PUSH AND PULL BARS

SOLID BAR STOCK - 3/4" SQUARE BRASS, BRONZE, ALUMINUM AND STAINLESS STEEL



SET NO. 1152MT

152MT PULL BAR 151MT PUSH BAR 1152MT SET - 1 PULL BAR 152MT 1 PUSH BAR 151MT

152MT PULL BARS Bases 1 1/2" x 9" Projection 1 7/8"

Height over Grip 2 1/2" Spacing 6 1/4"

Backset of Grip 5 1/4" Size of Grip 1" x 7"

151MT PUSH BARS Bases 1 1/2" x 9" Projection 1 7/8" Spacing 6 1/4"

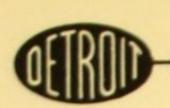
 31" C - C
 Bronze
 Aluminum

 152MT PULL BARS
 Weight
 13.32 lbs.
 4.44 lbs.

 151MT PUSH BARS
 Weight
 11.81 lbs.
 3.94 lbs.

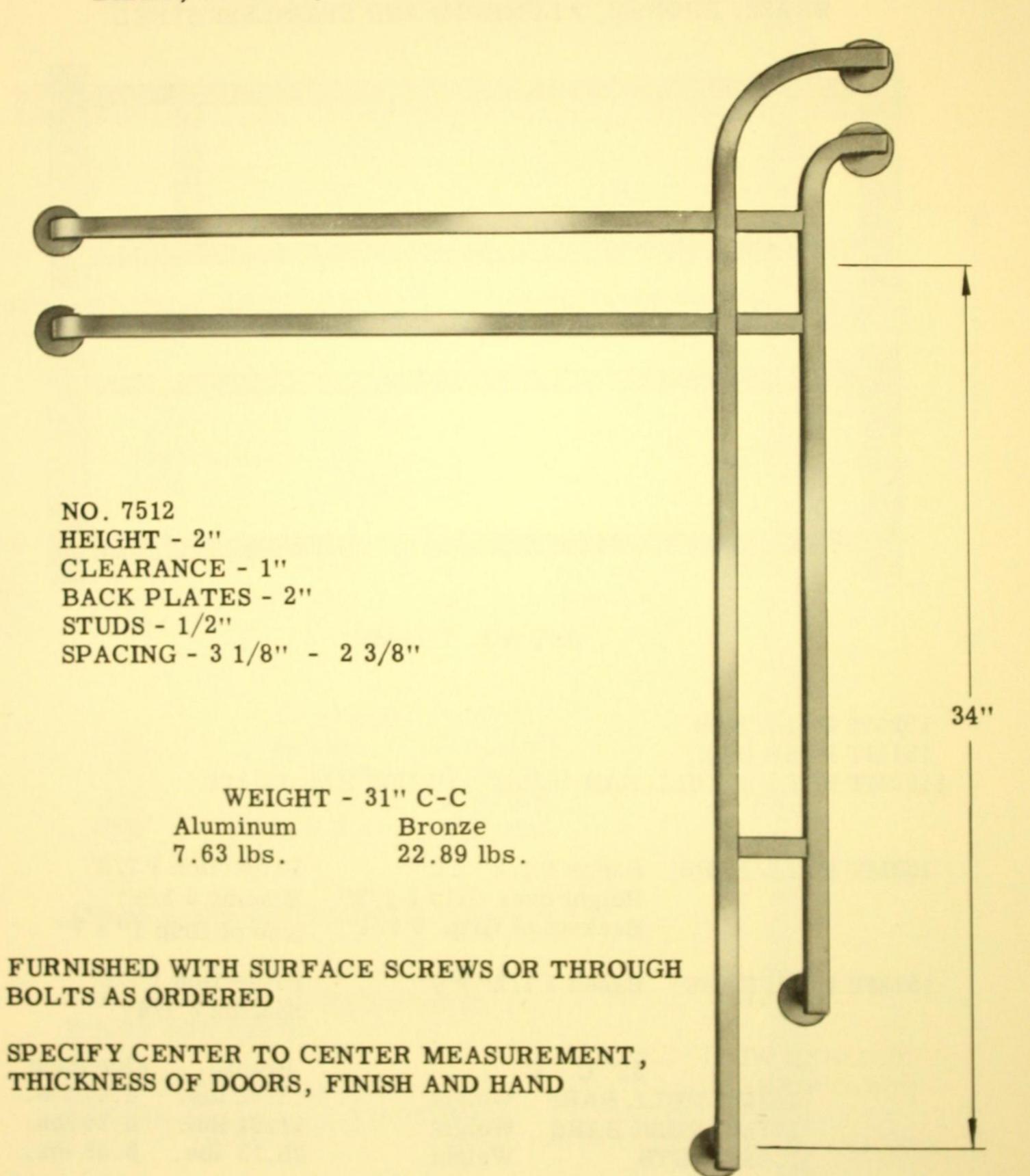
 1152MT SETS
 Weight
 25.13 lbs.
 8.38 lbs.

FURNISHED WITH SEX BOLTS WHEN USED BACK TO BACK. SURFACE SCREWS OR THROUGH BOLTS, AS ORDERED.
SPECIFY THICKNESS OF DOORS.



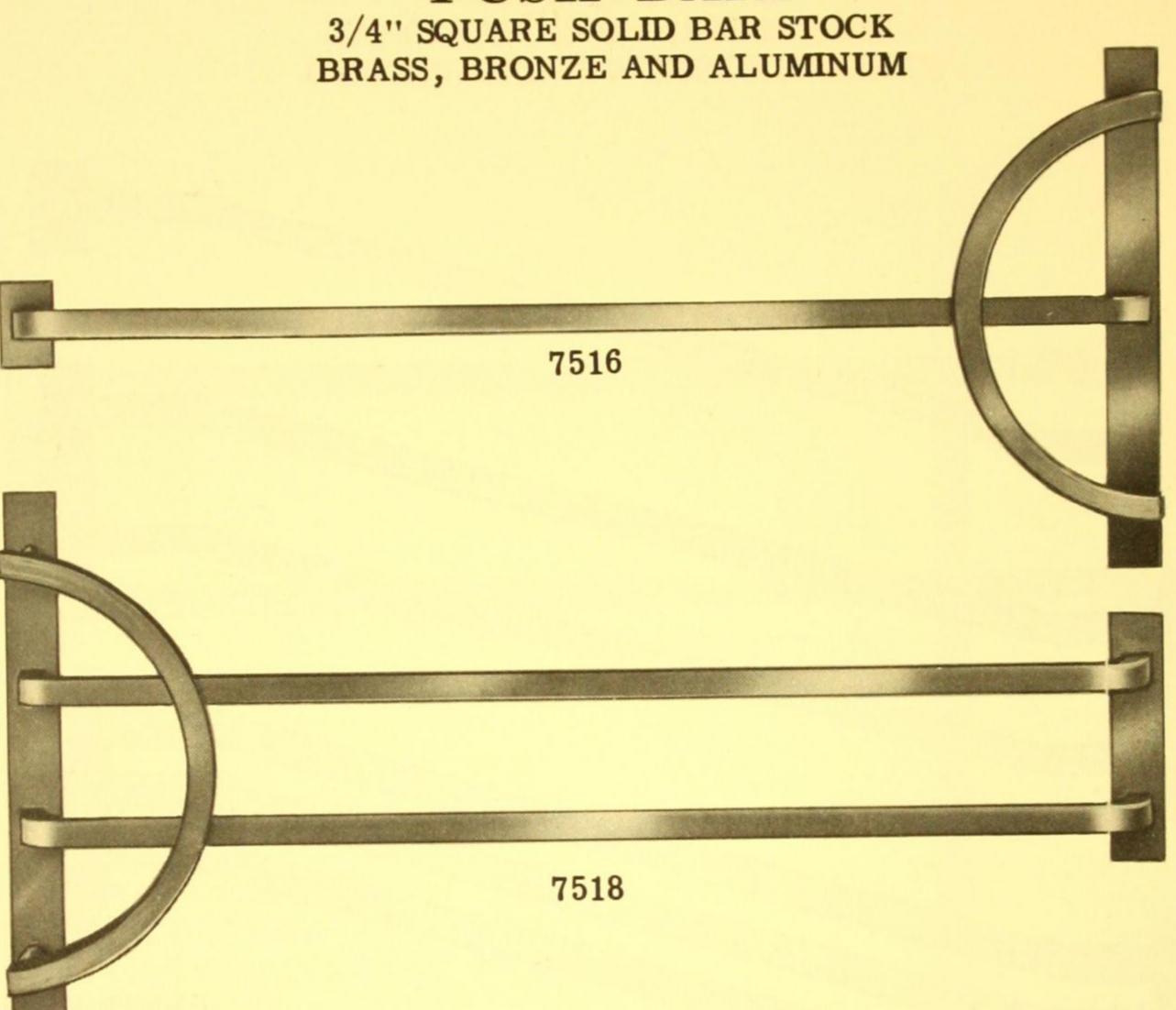
PUSH AND PULL BARS

3/4" SOLID BAR STOCK BRASS, BRONZE, ALUMINUM AND STAINLESS STEEL





PUSH BARS



NO. 7516 7518	PROJ. 2 3/4" 2 3/4" C-C GRI	CLEARANCE 1 3/8" 1 3/8" P 11 1/2" WEIG	BASES 1 1/2" x 2 1/2" - 1 1/2" x 15" 1 1/2" x 7" - 1 1/2" x 15" HT 31" C-C	SPACING 4"
	7516 7518	Bronze 9.75 lbs. 15.75 lbs.	Aluminum 3.25 lbs. 5.25 lbs.	

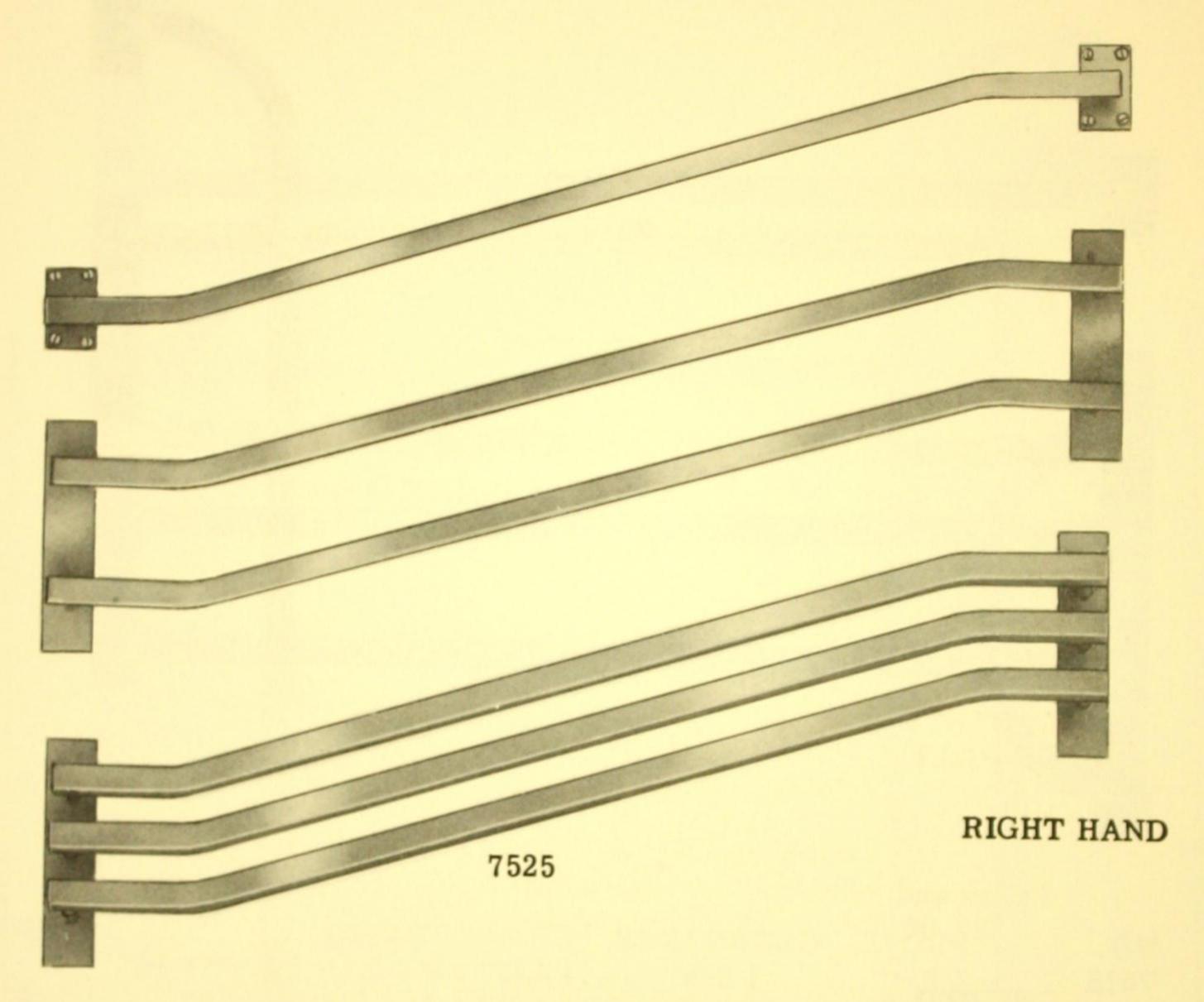
FURNISHED WITH SURFACE SCREWS OR THROUGH BOLTS AS ORDERED. WHEN ORDERED BACK TO BACK, SEX BOLTS WILL BE FURNISHED.

SPECIFY C - C MEASUREMENT, THICKNESS OF DOORS AND FINISH.



PUSH BARS

3/4" SQUARE SOLID BAR STOCK BRASS, BRONZE AND ALUMINUM



NO. 7523 7524	PROJ. 2'' 2''	CLEAR. 1'' 1''	STUDS 1/2" 1/2"	BASES 1 1/2" x 2 1/2" 1 1/2" x 7"	SPACING
7525	2"	1"	1/2"	1 1/2" x 7"	1 3/4"

WEIGHT 31" C - C

	Bronze	Aluminum
7523	2.63 lbs.	.875 lbs.
7524	12.00 lbs.	4.00 lbs.
7525	16.89 lbs.	5 63 lbs

FURNISHED WITH THROUGH BOLTS OR SURFACE SCREWS AS ORDERED WHEN ORDERED BACK TO BACK, SEX BOLTS WILL BE FURNISHED

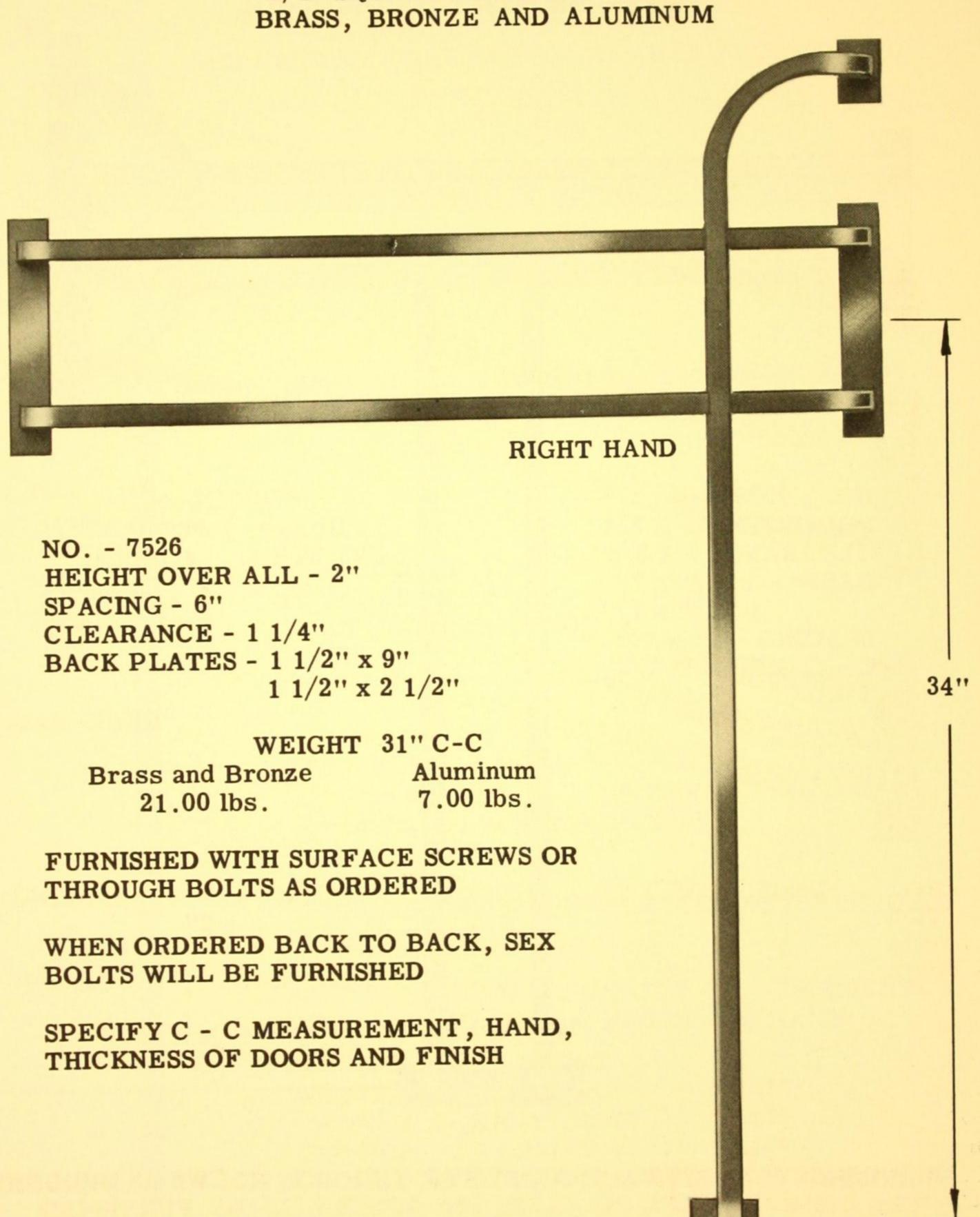
SPECIFY C - C MEASUREMENT, THICKNESS OF DOORS AND FINISH

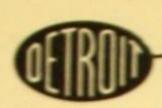


STANDARD OF QUALITY

PUSH BARS

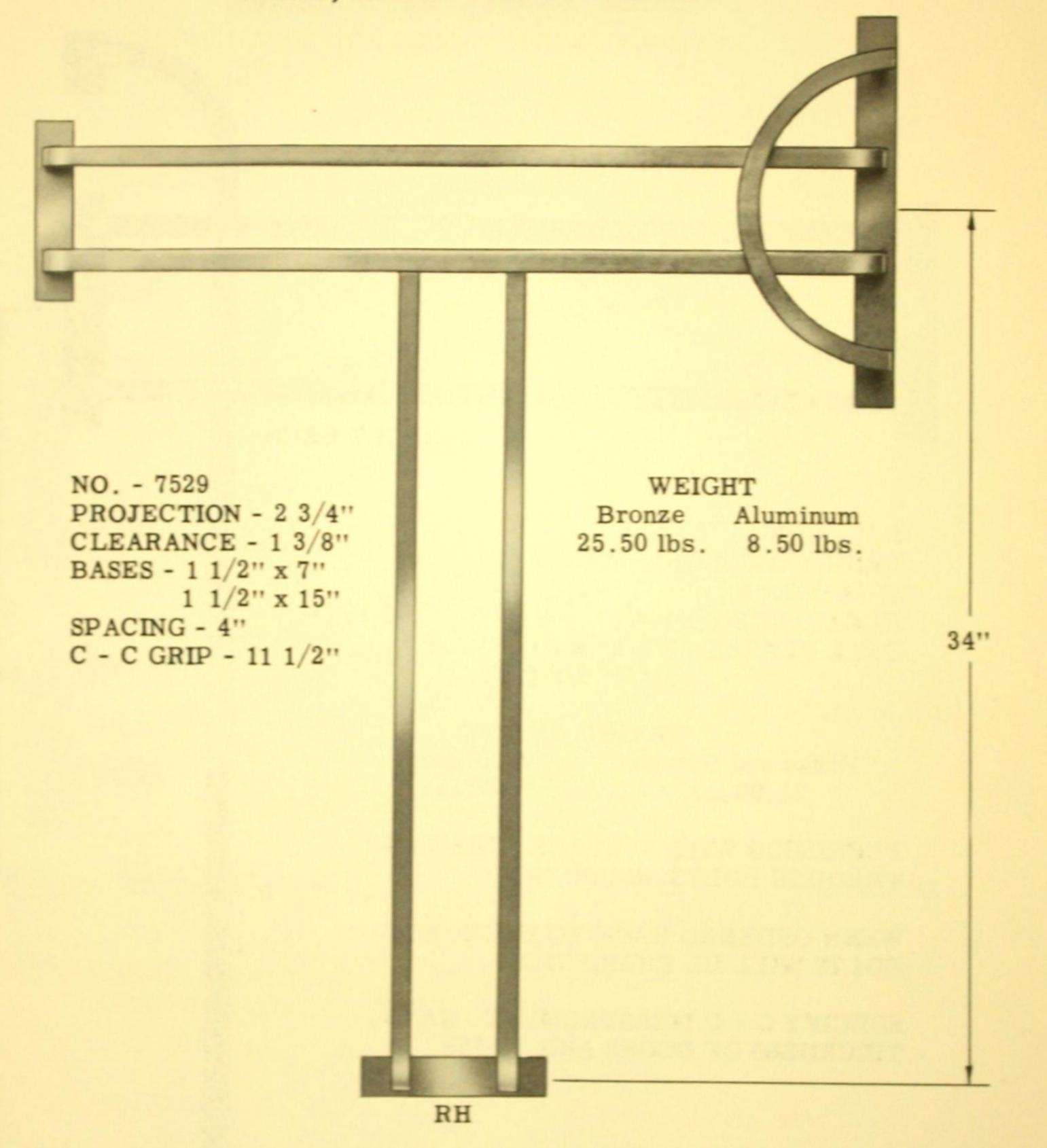
3/4" SQUARE SOLID BAR STOCK





PUSH BARS

3/4" SQUARE SOLID BAR STOCK BRASS, BRONZE AND ALUMINUM



FURNISHED WITH SURFACE SCREWS OR THROUGH BOLTS AS ORDERED
WHEN ORDERED BACK TO BACK, SEX BOLTS WILL BE FURNISHED
SPECIFY C - C MEASUREMENT, THICKNESS OF DOORS AND FINISH

PUSH BARS

3/4" SQUARE SOLID BAR STOCK BRASS, BRONZE AND ALUMINUM FOR NARROW STILE WOOD AND METAL DOORS

NO. 7530
HEIGHT OVER ALL - 2"
CLEARANCE - 1"
BACK PLATES - 1" x 2"
STUDS - 1/2"
SPACING - 7"

34"

LH

WEIGHT 31" C - C
Aluminum - 6.25 lbs.
Brass and Bronze - 18.75 lbs.

FURNISHED WITH SURFACE SCREWS OR THROUGH BOLTS AS ORDERED.

SPECIFY CENTER TO CENTER MEASUREMENT, THICKNESS OF DOORS, FINISH AND HAND



34"

STANDARD OF QUALITY

OFFSET PUSH BARS

3/4" SQUARE SOLID BAR STOCK BRASS, BRONZE AND ALUMINUM FOR NARROW STILE WOOD AND METAL DOORS

NO. $7530\frac{1}{4}$ HEIGHT OVER ALL - 2" CLEARANCE - 1" BACK PLATES - 1" x 2" STUDS - 1/2" SPACING - 7" OFFSET - 6 1/8"

WEIGHT

Aluminum - 5.00 lbs.

Brass and Bronze - 15.00 lbs.

FURNISHED WITH SURFACE SCREWS OR THROUGH BOLTS AS ORDERED.

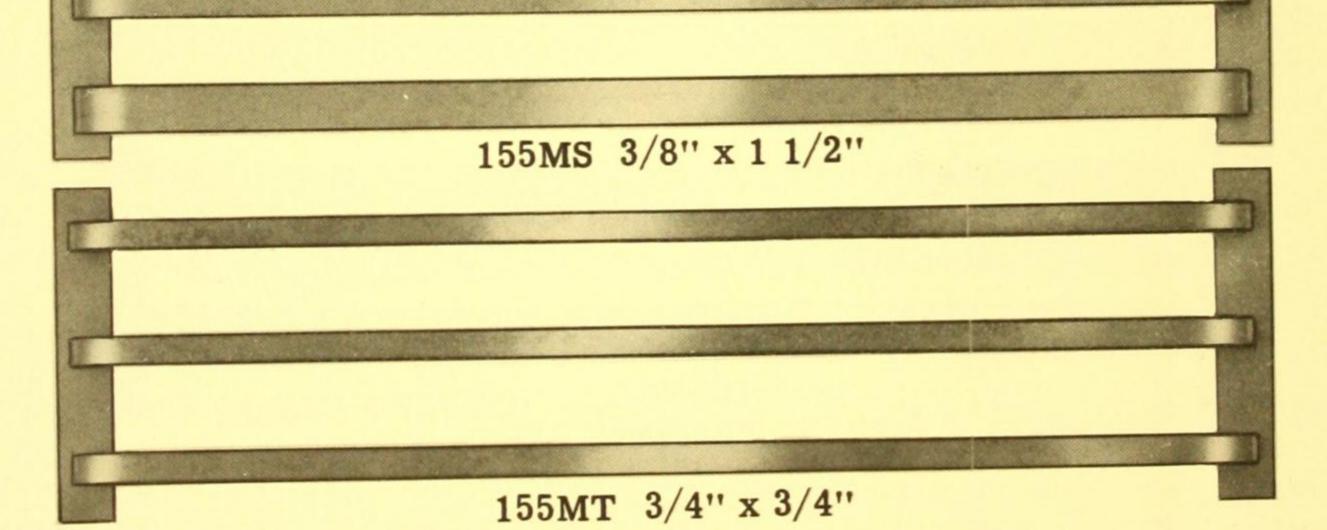
SPECIFY CENTER TO CENTER MEASUREMENT, THICKNESS OF DOORS AND FINISH ·



PUSH BARS

SOLID BAR STOCK
BRASS, BRONZE, ALUMINUM AND STAINLESS STEEL

155ML 1/2" x 1 1/2"
155MR 3/8" x 1 1/2"



NO. 155ML	STOCK 1/2" x 1½" 3/8" x 1½"	BASES 2" x 13" 2" x 13"	HEIGHT 1 \frac{3}{4} '' 1 \frac{5}{8} ''	CLEARANCE 1 \frac{1}{4}" 1 \frac{1}{8}"	SPACING 4" 4"
155MR 155MS 155MT	$3/8$ " x $1\frac{1}{4}$ " $3/4$ " x $3/4$ "	1½" x 9" 1½" x 9"	$1\frac{3}{4}$ " 1 7/8"	11/4"	$3\frac{1}{8}$ " $3\frac{1}{8}$ "

Weights 31" C - C

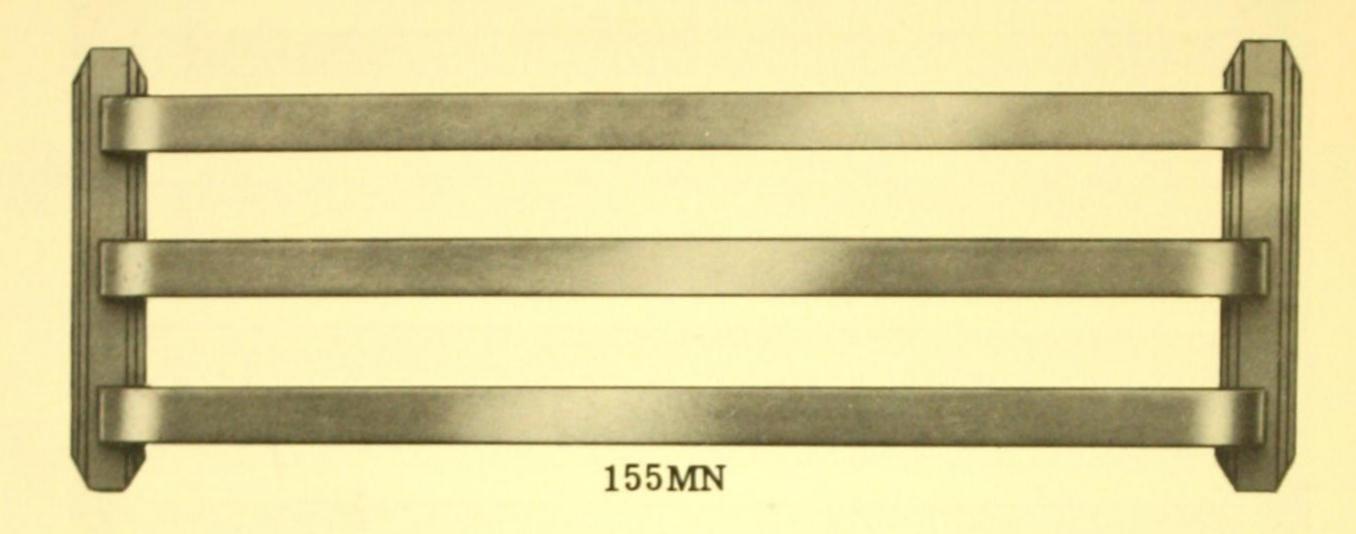
	Bronze	Aluminum
155ML	21.00 lbs.	7.00 lbs.
155MR	18.00 lbs.	6.00 lbs.
155MS	15.00 lbs.	5.00 lbs.
		5.69 lbs.
155MT	17.07 lbs.	0.00 105.

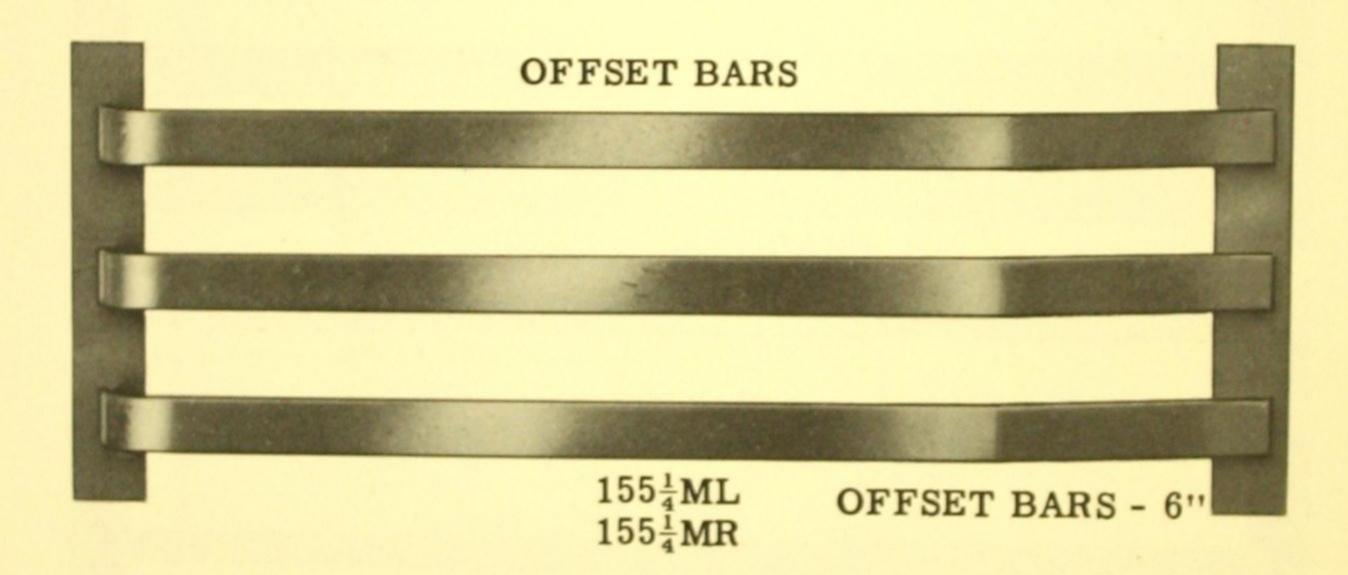
FURNISHED WITH SURFACE SCREWS, THROUGH BOLTS OR SEX BOLTS



PUSH BARS

SOLID BAR STOCK
BRASS, BRONZE, ALUMINUM AND STAINLESS STEEL





NO. 155MN 155 ¹ / ₄ ML 155 ¹ / ₄ MR	STOCK 1/2" x 1 1/2" 1/2" x 1 1/2" 3/8" x 1 1/2"	BASES 2" x 13 3/8" 2" x 13" 2" x 13"	PROJ. 1 5/8" 1 5/8" 1 1/2"	OVER GRIP 2 1/2" 2 1/2" 2 3/8"	SPACING 4" 4" 4"
	-, 1/2	2 A 10	1 1/2	2 3/8"	4"

Weight 31" C - C

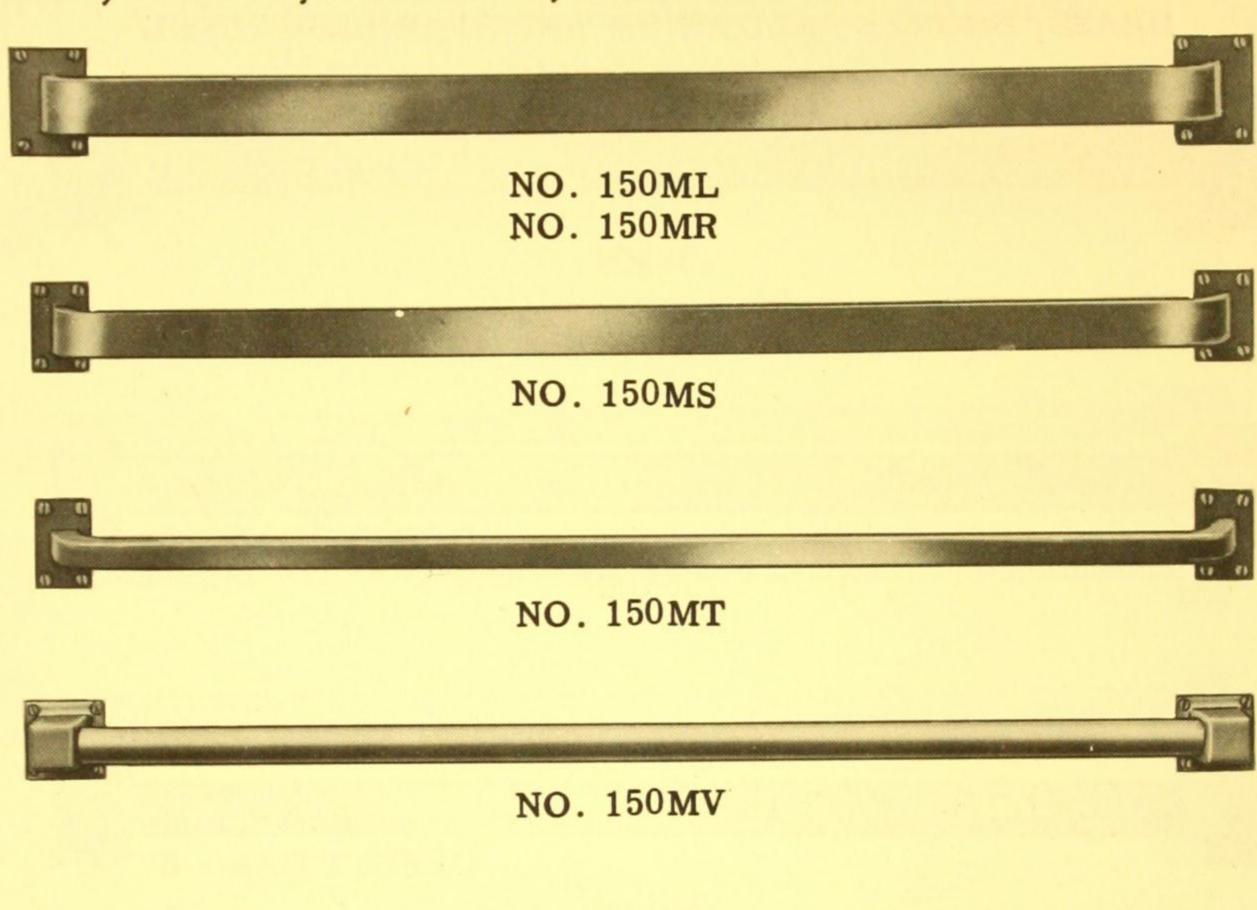
AluminumBronze155MN7.00 lbs.21.00 lbs. $155\frac{1}{4}ML$ 7.00 lbs.21.00 lbs. $155\frac{1}{4}MR$ 6.00 lbs.18.00 lbs.

FURNISHED WITH SURFACE SCREWS, THROUGH BOLTS OR SEX BOLTS



PUSH BARS

BRASS, BRONZE, ALUMINUM, STAINLESS STEEL AND BLACK IRON



NO. 471 RH

NO.	STOCK	BASES	CLEARANCE	PROJECTION
150ML	$1/2'' \times 1\frac{1}{2}'' BAR$	2" x 3"	1 1/4"	1 3/4"
150MR	$3/8" \times 1\frac{1}{2}" BAR$	2" x 3"	1 3/8"	1 3/4"
150MS	3/8" x 1 ¹ / ₄ " BAR	$1\frac{1}{2}$ " x $2\frac{1}{2}$ "	1 1/4"	1 5/8"
150MT	3/4" x 3/4" BAR	$1\frac{1}{4}$ " x $2\frac{1}{2}$ "	1 1/8"	1 7/8"
*150MV	1" TUBING	$2\frac{1}{8}$ " x $2\frac{1}{8}$ "	1''	2 1/8"
471	CAST		1''	1 1/4"

150MV BAR MAY BE HAD IN STAINLESS STEEL

	Weight 31"	C - C
NO.	Bronze	Aluminum
150ML	7.89 lbs.	2.63 lbs.
150MR	5.28 lbs.	1.76 lbs.
150MS	4.89 lbs.	1.63 lbs.
150MT	5.64 lbs.	1.88 lbs.
150MV	2.64 lbs.	.88 lbs.
471	4.32 lbs.	1.44 lbs.

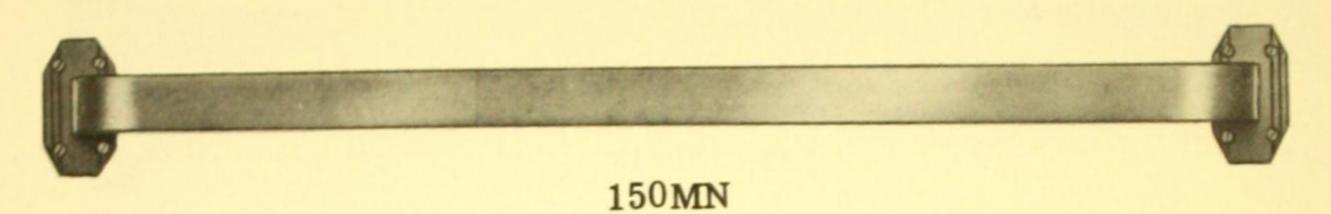
FURNISHED WITH SURFACE SCREWS OR THROUGH BOLTS.

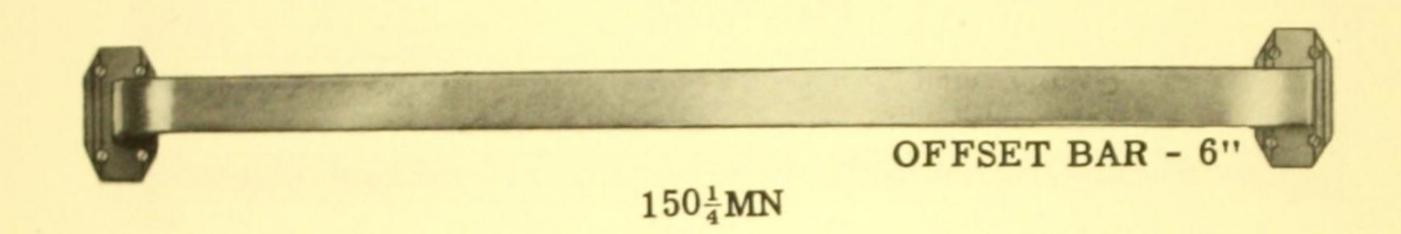
SPECIFY C - C MEASUREMENT AND FINISH REQUIRED.

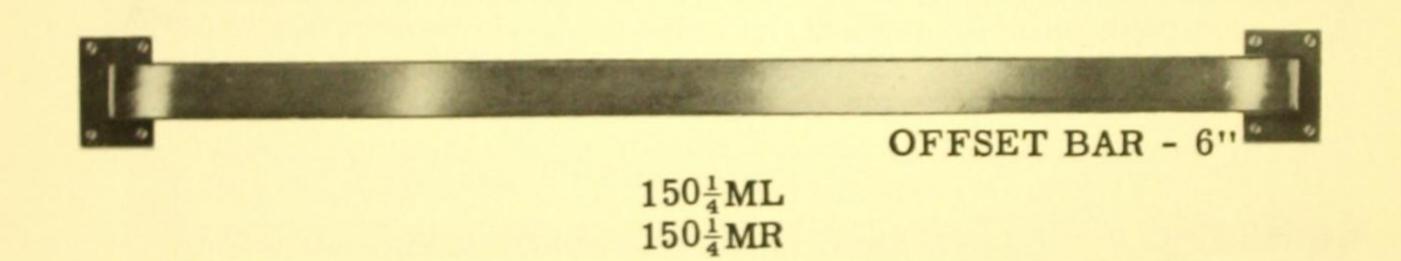


PUSH BARS

SOLID BAR STOCK
BRASS, BRONZE, ALUMINUM AND STAINLESS STEEL







NO.	STOCK	BASES	CLEARANCE	PROJECTION
150MN	1/2" x 1 1/2"	2" x 3 3/4"	1 1/4"	1 3/4"
$150\frac{1}{4}MN$	1/2" x 1 1/2"	2" x 3 3/4"	1 1/4"	1 3/4"
$150\frac{1}{4}ML$	1/2" x 1 1/2"	2" x 3"	1 1/4"	1 3/4"
$150\frac{1}{4}MR$	3/8" x 1 1/2"	2" x 3"	1 3/8"	1 5/8"

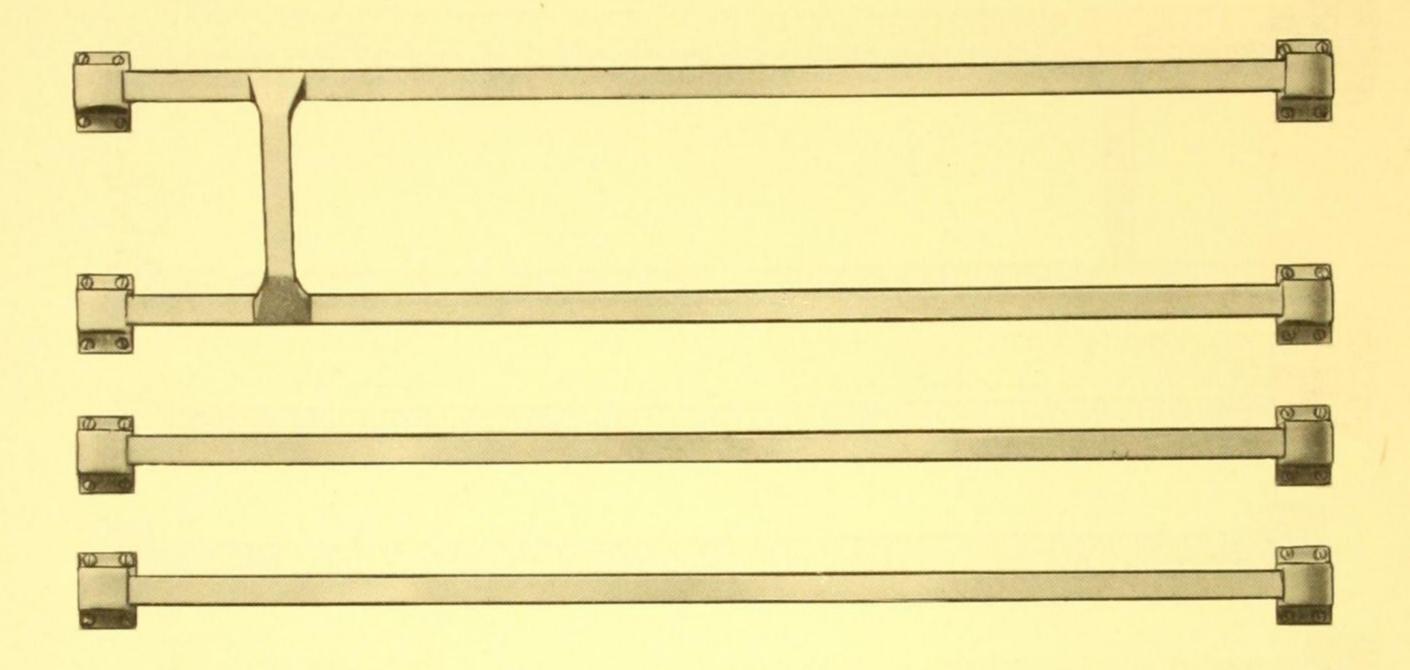
	Weight 31"	C-C
	Bronze	Aluminum
150MN	7.89 lbs.	2.63 lbs.
$150\frac{1}{4}MN$	7.89 lbs.	2.63 lbs.
$150\frac{1}{4}ML$	7.89 lbs.	2.63 lbs.
1501 MR	5.28 lbs.	1.76 lbs.

FURNISHED WITH SURFACE SCREWS OR THROUGH BOLTS AS ORDERED SPECIFY C - C MEASUREMENT AND FINISH REQUIRED



PUSH AND PULL BARS

3/4" SQUARE TUBING, CAST BRACKETS AND GRIPS BRASS, BRONZE AND ALUMINUM



SET NO. 1185

182 SINGLE PUSH BAR

185 DOUBLE PULL BAR

1185 SET - 2 PUSH BARS 182 1 PULL BAR 185

182 PUSH BARS Clearance 5/8"

Projection 1 5/8"

Brackets 1 1/2" x 2 1/4"
185 PULL BARS Clearance 5/8"

Projection 1 5/8"

Height over Grip 2 3/16"

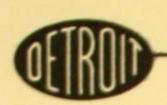
C - C Grip 6"

PACKED WITH WOOD SCREWS AND THROUGH BOLTS

		Bronze	Aluminum
182 PUSH BARS 4 in a box	Weight	8.13 lbs.	2.44 lbs.
185 PULL BARS 2 in a box	Weight	1.88 lbs.	5.64 lbs.
1185 SETS 1 set in a box	Weight	3.50 lbs.	10.50 lbs.

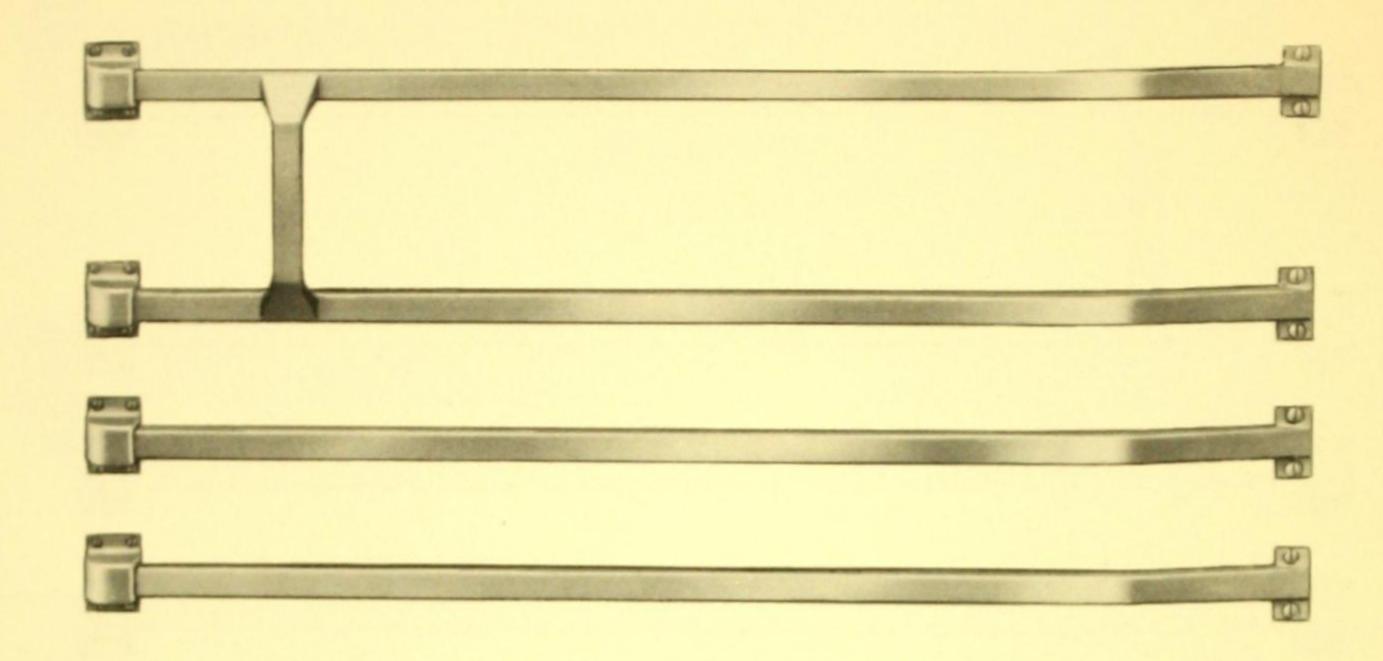
STOCK LENGTH 37" C - C

ALL BRACKETS ARE DRILLED TO TEMPLATE FOR USE ON WOOD OR METAL DOORS



OFFSET PUSH AND PULL BARS

3/4" SQUARE TUBING, CAST BRACKETS AND GRIP BRASS, BRONZE AND ALUMINUM



SET NO. $1185\frac{1}{4}$

1824 SINGLE PUSH BAR

1851 PULL BAR

 $1185\frac{1}{4}$ SET - 2 PUSH BARS $182\frac{1}{4}$ 1 PULL BAR $185\frac{1}{4}$

182 PUSH BAR Clearance 5/8"

Clearance 5/8"

Loose Bracket $1\frac{1}{2}$ " x $2\frac{1}{4}$ "

Tight Bracket 1

1851 PULL BAR Clearance 5/8"

Loose Bracket $1\frac{1}{2}$ " x $2\frac{1}{4}$ " Tight Bracket 1" x 2" Clearance 5/8" Projection $1\frac{5}{8}$ " C - C Grip 6"

Offset of Bracket - 6"

PACKED WITH WOOD SCREWS AND THROUGH BOLTS

	Aluminum	Bronze
1824 PULL BARS 4 in a box - Wght.	.63 lbs.	1.89 lbs.
1854 PULL BARS 2 in a box - Wght.	2.63 lbs.	7.89 lbs.
1185 SETS 1 set in a box - Wght	3.89 lbs.	11.67 lbs.

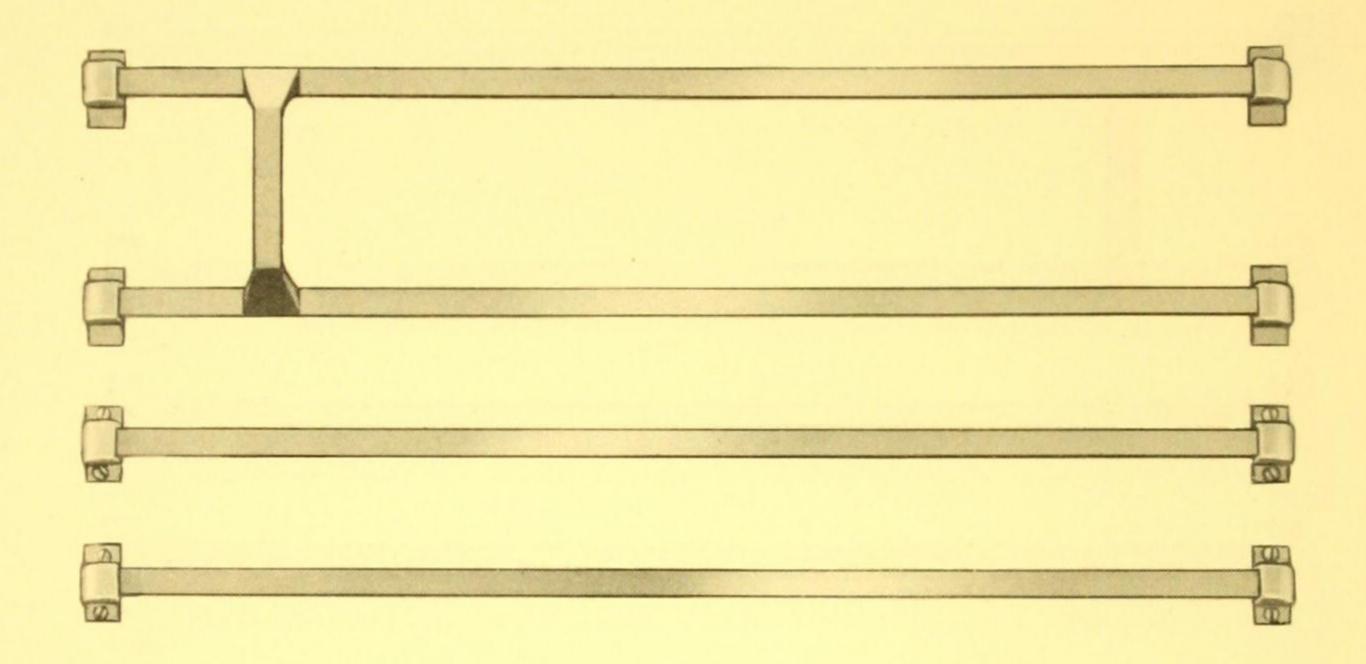
STOCK LENGTH 37" C-C

ALL BRACKETS ARE DRILLED TO TEMPLATE FOR WOOD OR METAL DOORS.



NARROW STILE PUSH AND PULL BARS

3/4" SQUARE TUBING, CAST BRACKETS AND GRIP BRASS, BRONZE AND ALUMINUM



SET NO. 3185

2182 SINGLE PUSH BAR 2185 PULL BAR 3185 SET - 2 PUSH BARS 2182 1 PULL BAR 2185

2182 PUSH BAR Clearance 5/8"

Brackets 1" x $2\frac{1}{4}$ "

2185 PULL BARS Clearance 5/8"

Height over Grip 2 3/16"

Projection $1\frac{5}{8}$ "

C - C Grip 6"

PACKED WITH WOOD SCREWS, MACHINE SCREWS OR THROUGH BOLTS, AS ORDERED

Aluminum Bronze
2182 PUSH BAR 4 in a box - Wght. .69 lbs. 2.07 lbs.
2185 PULL BAR 2 in a box - Wght. 1.75 lbs. 5.25 lbs.
3185 SET 1 set in a box - Wght. 3.13 lbs. 9.39 lbs.

STOCK LENGTH 37" C-C

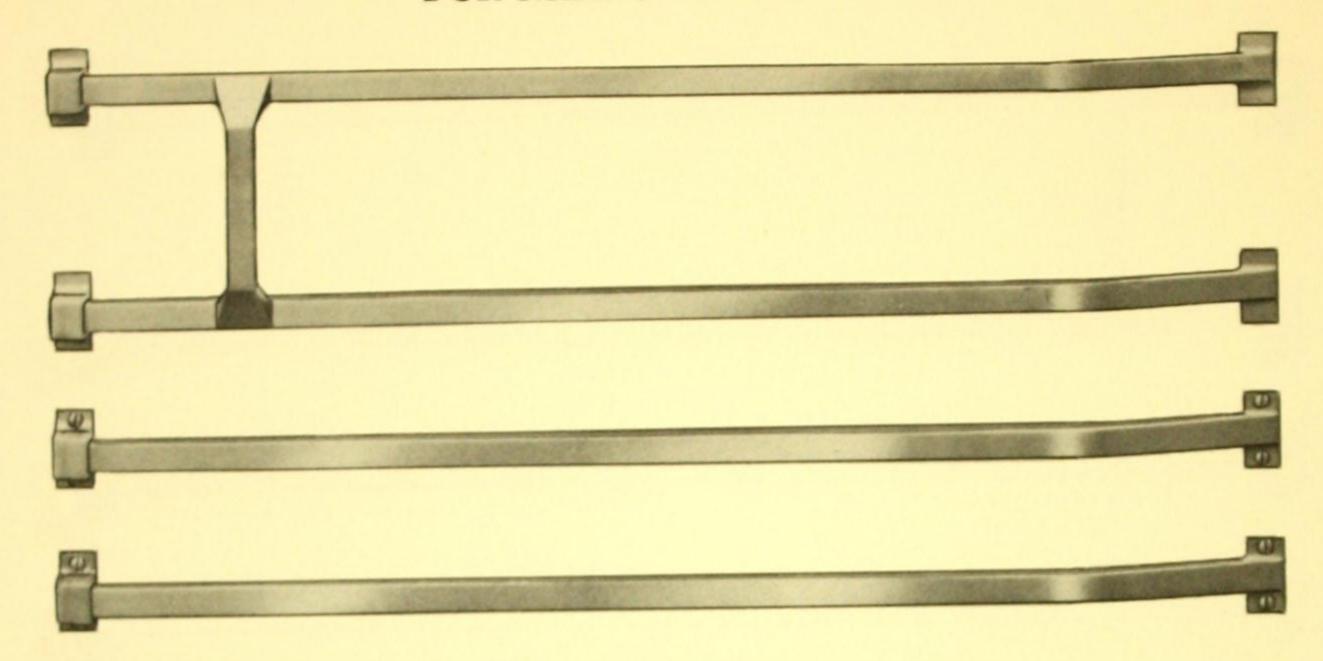
ALL BRACKETS ARE DRILLED TO TEMPLATE FOR USE ON WOOD OR METAL DOORS.



OFFSET PUSH AND PULL BARS

3/4" SQUARE TUBING, CAST BRACKETS AND GRIP BRASS, BRONZE AND ALUMINUM

FOR NARROW STILE DOORS



SET NO. $3185\frac{1}{4}$

21824 SINGLE PUSH BAR

2185 PULL BAR

 $3185\frac{1}{4}$ SET - 2 PUSH BARS $2182\frac{1}{4}$ 1 PULL BAR $2185\frac{1}{4}$

2182 PUSH BAR Clearance 5/8"

Projection 15"

Brackets $1\frac{5}{8}$ " x $2\frac{1}{4}$ "

2185 PULL BAR Clearance 5/8"

Projection 15 "

Height over Grip 2 3/16" C - C Grip 6"

Offset 6"

PACKED WITH WOOD SCREWS, MACHINE SCREWS OR THROUGH BOLTS AS ORDERED

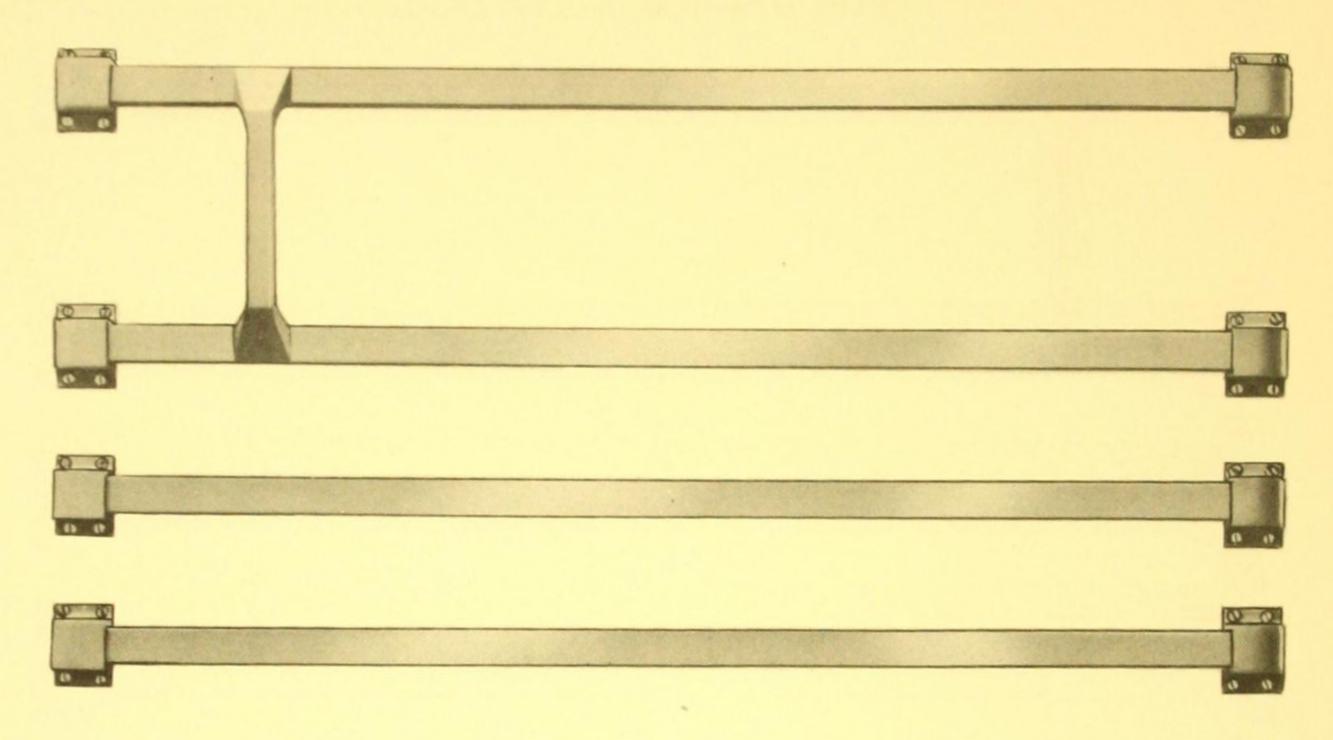
	Aluminum	Bronze		
2182 PUSH BAR 4 in a box - Wght.	.69 lbs.	2.07 lbs.		
2185 PULL BAR 2 in a box - Wght.	1.75 lbs.	5.25 lbs.		
3185 SET 1 set in a box - Wght.	3.13 lbs.	9.39 lbs.		
STOCK LENGTH 37" C-C				

ALL BRACKETS ARE DRILLED TO TEMPLATE FOR USE ON WOOD OR METAL DOORS.



PUSH AND PULL BARS

1" SQUARE TUBING, CAST BRACKETS AND GRIPS BRASS, BRONZE AND ALUMINUM



SET NO. 1186

183 SINGLE PUSH BAR 186 DOUBLE PULL BAR 1186 SET - 2 PUSH BARS 183 1 PULL BAR 186

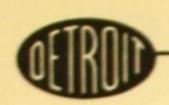
183 PUSH BARS Clearance 1/2"
Projection 1 3/4"
Brackets 1 1/2" x 2 1/4"
Projection 1 3/4"
Projection 1 3/4"
Height over Grip 2 5/16"

PACKED WITH WOOD SCREWS AND THROUGH BOLTS

		Aluminum	Bronze
183 PUSH BARS 4 in a box	Weight	1.13 lbs.	3.39 lbs.
186 PULL BARS 2 in a box	Weight	2.63 lbs.	7.89 lbs.
1186 SETS - 1 set in a box	Weight	10.88 lbs.	32.64 lbs.

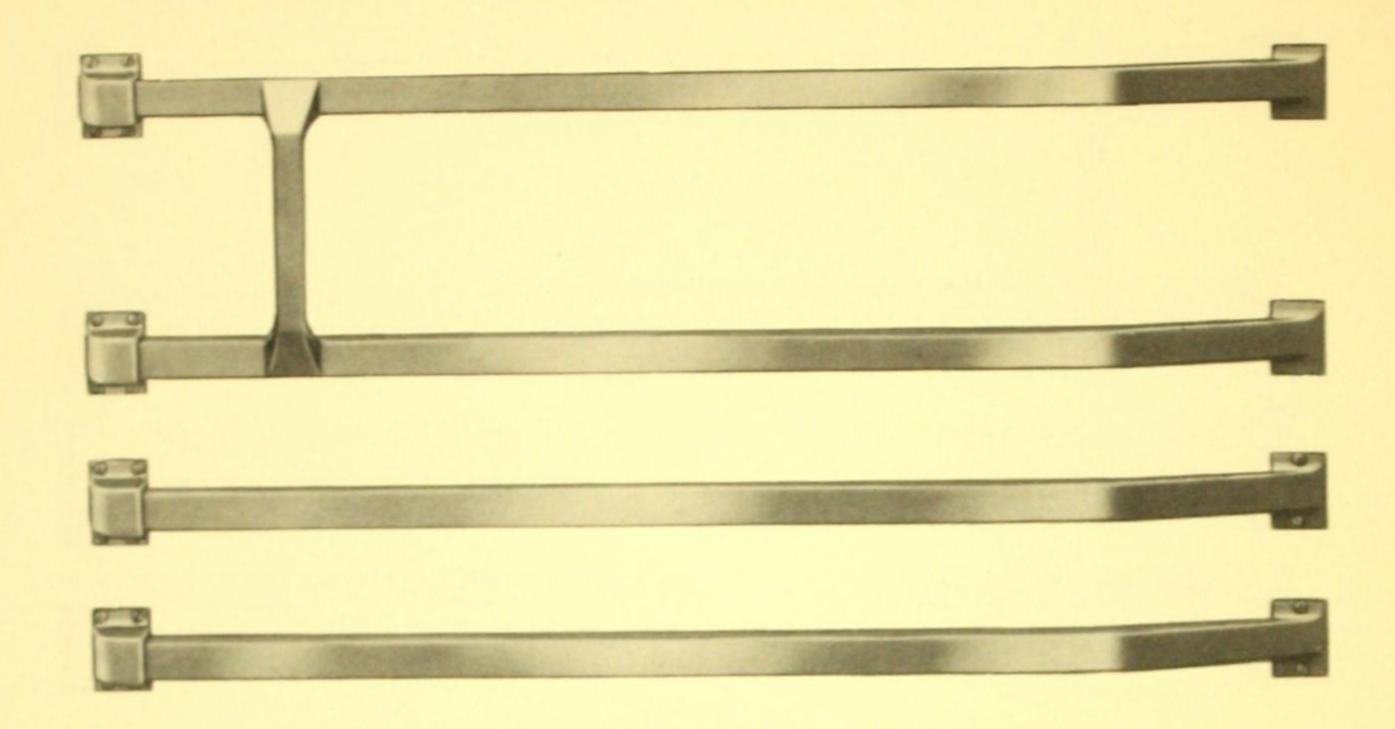
STOCK LENGTH 37" C - C

ALL BRACKETS ARE DRILLED TO TEMPLATE FOR USE ON WOOD OR METAL DOORS



OFFSET PUSH AND PULL BARS

1" SQUARE TUBING - CAST BRACKETS AND GRIP BRASS, BRONZE AND ALUMINUM



SET NO. $1186\frac{1}{4}$

1831 SINGLE PUSH BAR

1861 PULL BAR

1186 SET - 2 PUSH BARS 183 1 PULL BAR 186 1

1831 PUSH BAR Clearance 7/8"

Projection 1½"

Loose Bracket 1 9/16" x 2 5/16" Tight Bracket 1 1/2" x 2 1/16"

186 PULL BAR Clearance 1 15/16"

Height over Grip 2 3/8"

Grip 7"

Offset of Bracket 6 3/4"

PACKED WITH WOOD SCREWS, MACHINE SCREWS OR THROUGH BOLTS AS ORDERED

	Aluminum	Bronze
1834 PUSH BARS 4 in a box - Wght.	1.31 lbs.	3.93 lbs.
1861 PULL BARS 2 in a box - Wght.	3.00 lbs.	9.00 lbs.
1186 SETS 1 set in a box - Wght.	5.62 lbs.	16.86 lbs.

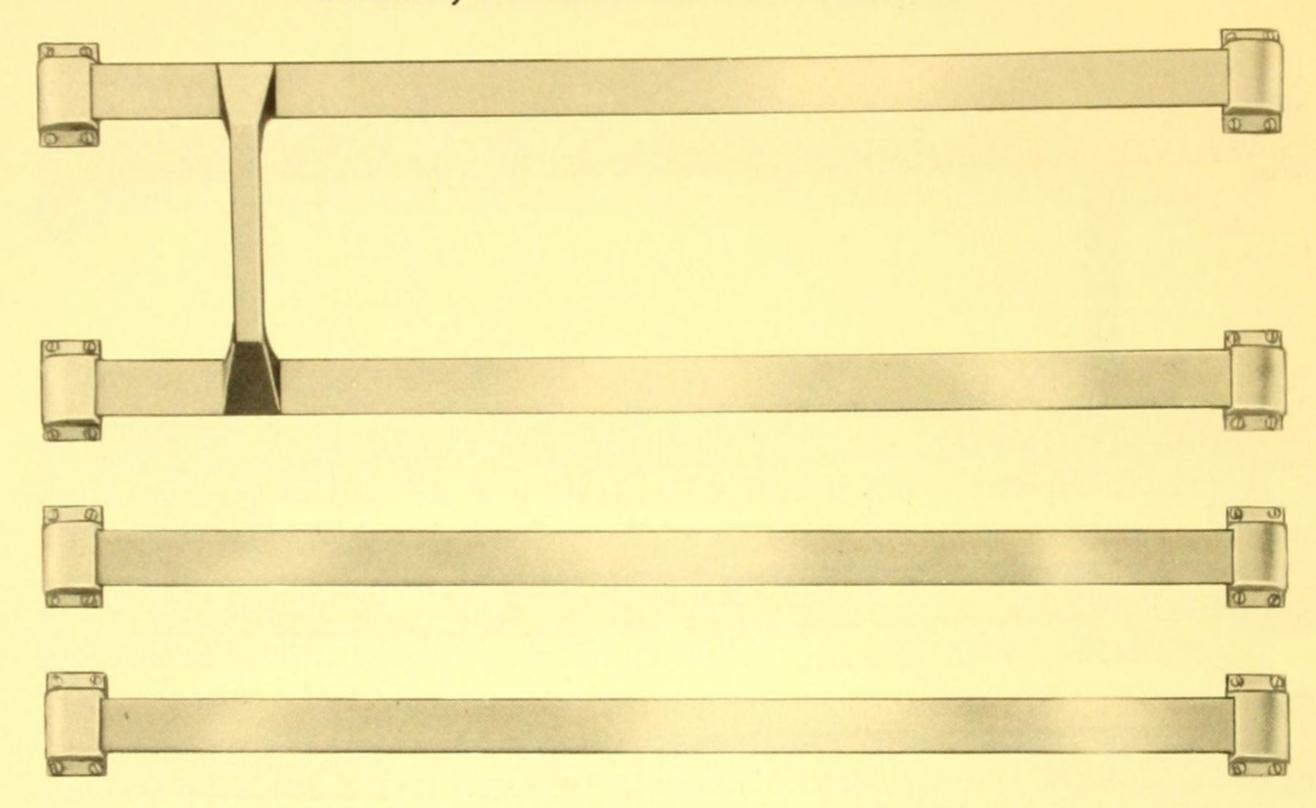
STOCK LENGTH 37" C-C

ALL BRACKETS ARE DRILLED TO TEMPLATE FOR WOOD AND METAL DOORS



PUSH AND PULL BARS

1/2" X 1 1/2" TUBING, CAST BRACKETS AND GRIPS BRASS, BRONZE AND ALUMINUM



SET NO. 1199

198 SINGLE PUSH BAR 199 DOUBLE PULL BAR 1199 SET - 2 PUSH BARS 198 1 PULL BAR 199

198 PUSH BARS Clearance 1 1/16" Projection 1 9/16"

Brackets 1 9/16" x 2 3/4"

199 PULL BARS Clearance 1 9/16"

HEIGHT OVER GRIP 2 3/8"

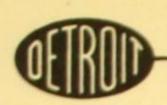
C - C Grip 8 5/8"

PACKED WITH WOOD SCREWS AND THROUGH BOLTS.

		Aluminum	Bronze
198 PUSH BARS 4 in a box	Weight	1.13 lbs.	3.39 lbs.
199 PULL BARS 2 in a box	Weight	3.75 lbs.	11.25 lbs.
1199 SETS 1 set in a box	Weight	5.50 lbs.	16.50 lbs.

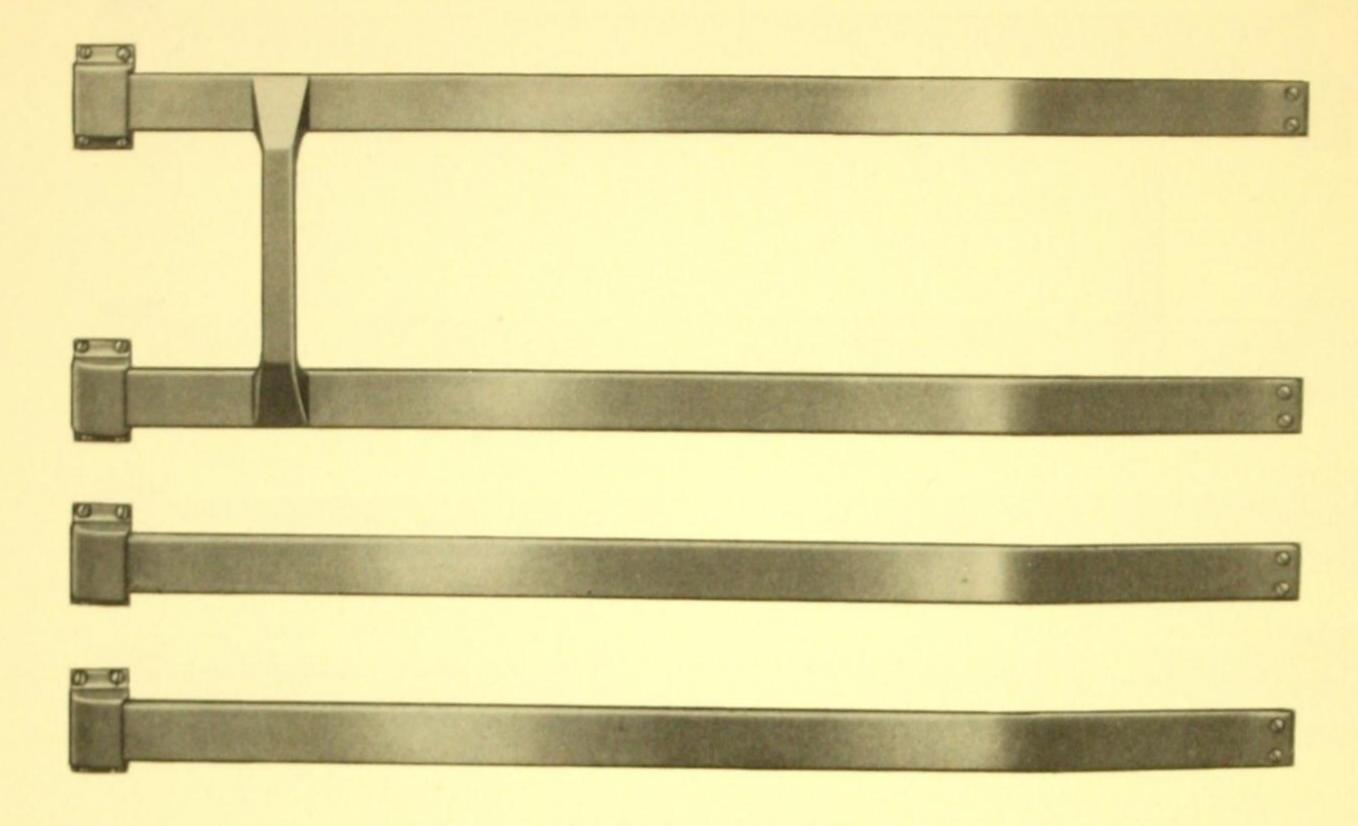
STOCK LENGTH 37" C - C

ALL BRACKETS ARE DRILLED TO TEMPLATE FOR USE ON WOOD OR METAL DOORS



OFFSET PUSH AND PULL BARS

1/2" x 1 1/2" SOLID BAR STOCK - CAST BRACKETS BRASS, BRONZE AND ALUMINUM



SET NO. $1199\frac{1}{4}$

198¹/₄ SINGLE PUSH BAR 199¹/₄ DOUBLE PULL BAR

1199 SET - 2 PUSH BARS $198\frac{1}{4}$ 1 PULL BAR $199\frac{1}{4}$

198 $\frac{1}{4}$ PUSH BAR Clearance 7/8" Projection $1\frac{1}{2}$ " Offset $7\frac{1}{2}$ " Offset $7\frac{1}{2}$ "

199\frac{1}{4} PULL BAR Clearance 1 13/16" C - C Grip 8"

Height over Grip 2 5/16" Offset of Bracket 43"

PACKED WITH WOOD SCREWS AND THROUGH BOLTS

	Aluminum	Bronze
1984 PUSH BARS 4 in a box - Wght.	2.44 lbs.	7.32 lbs.
1994 PULL BARS 2 in a box - Wght.	10.25 lbs.	31.65 lbs.
$1199\frac{1}{4}$ SET 1 set in a box - Wght.	15.13 lbs.	45.39 lbs.

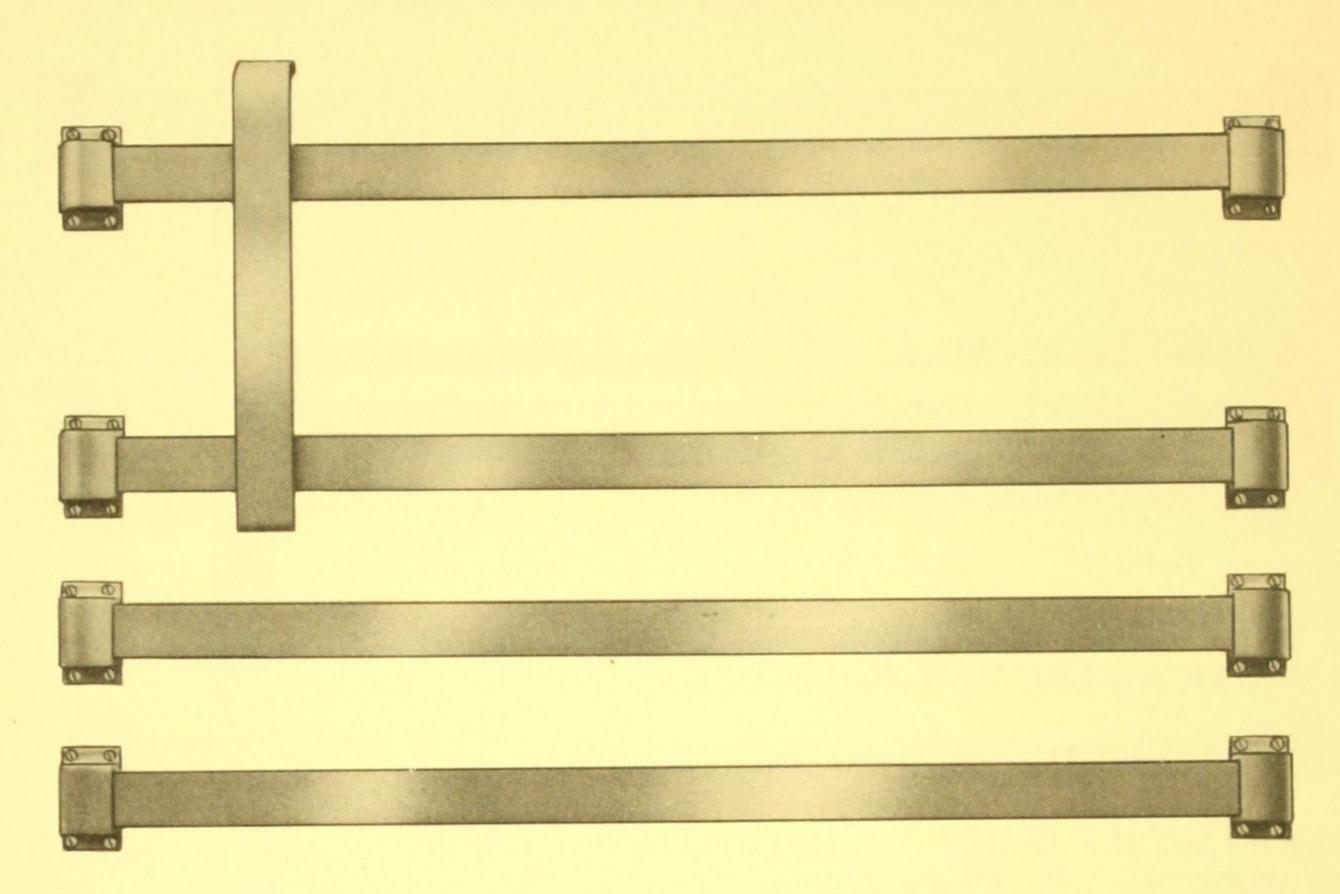
STOCK LENGTH 37" C - C

ALL BRACKETS ARE DRILLED TO TEMPLATE FOR USE ON WOOD OR METAL DOORS.



PUSH AND PULL BARS

1/2" x 1 1/2" TUBING - CAST BRACKETS BRASS, BRONZE AND ALUMINUM



SET NO. 1515

198 SINGLE PUSH BAR 515 DOUBLE PULL BAR 1515 SET - 1 PULL BAR 515 2 PUSH BARS 198

198 PUSH BARS Clearance 13/16"

Brackets 1 9/16" x 2 3/4"

515 PULL BARS Clearance 13/16"

Height over Grip 2 5/8"

Projection 1 9/16"

Projection 1 9/16"

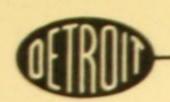
C - C 8" - Size 1 9/16"

PACKED WITH WOOD SCREWS AND THROUGH BOLTS

		Aluminum	Brass & Bronze
198 PUSH BARS 4 in a box	Weight	1.25 lbs.	3.34 lbs.
515 PULL BARS 2 in a box		3.50 lbs.	10.50 lbs.
1515 SETS 1 set in a box	Weight	6.00 lbs.	18.00 lbs.

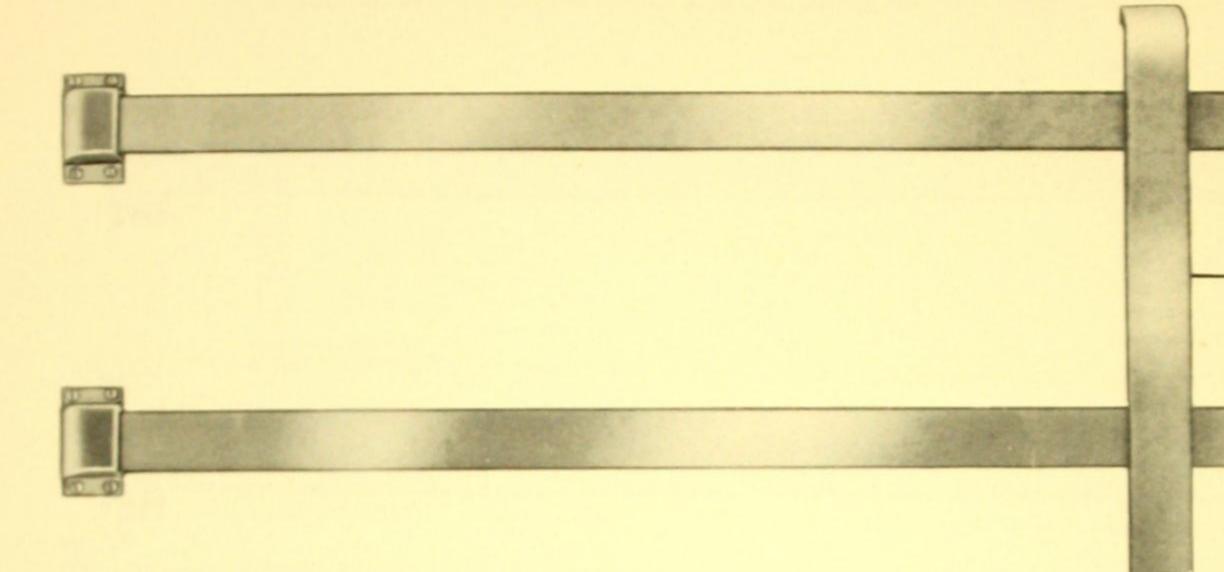
STOCK LENGTH 37" C-C

ALL BRACKETS ARE DRILLED TO TEMPLATE FOR USE ON WOOD OR METAL DOORS



PUSH AND PULL BAR

1/2" x 1 1/2" TUBING - SQUARE BRACKETS BRASS, BRONZE AND ALUMINUM



NO. 1518 A VERTICAL LEG BAR FOR STOCK

STOCK LENGTH - 37" C - C - REVERSIBLE

CLEARANCE - 13/16" PROJECTION - 1 9/16"

BRACKETS - 1 9/16" x 2 3/4"

HEIGHT OVER GRIP - 2 5/8"

CENTER TO CENTER OF GRIP - 8"

Weight

Aluminum 6.38 lbs.

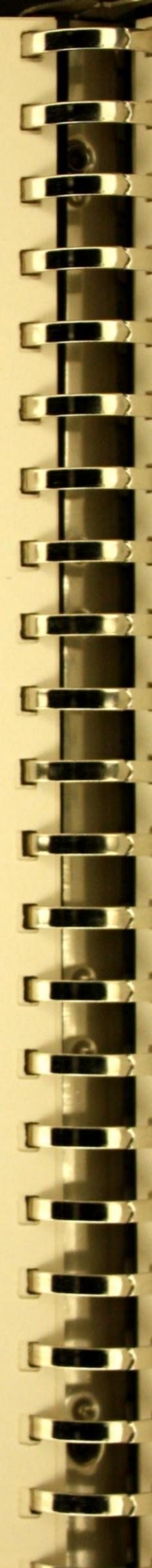
Bronze 20.14 lbs.

VERTICAL LEG - 1/2" x 1 1/2" SOLID BAR STOCK

ALL BRACKETS ARE DRILLED TO TEMPLATE FOR USE ON WOOD OR METAL DOORS

PACKED WITH WOOD SCREWS OR THROUGH BOLTS

SPECIFY FINISH REQUIRED

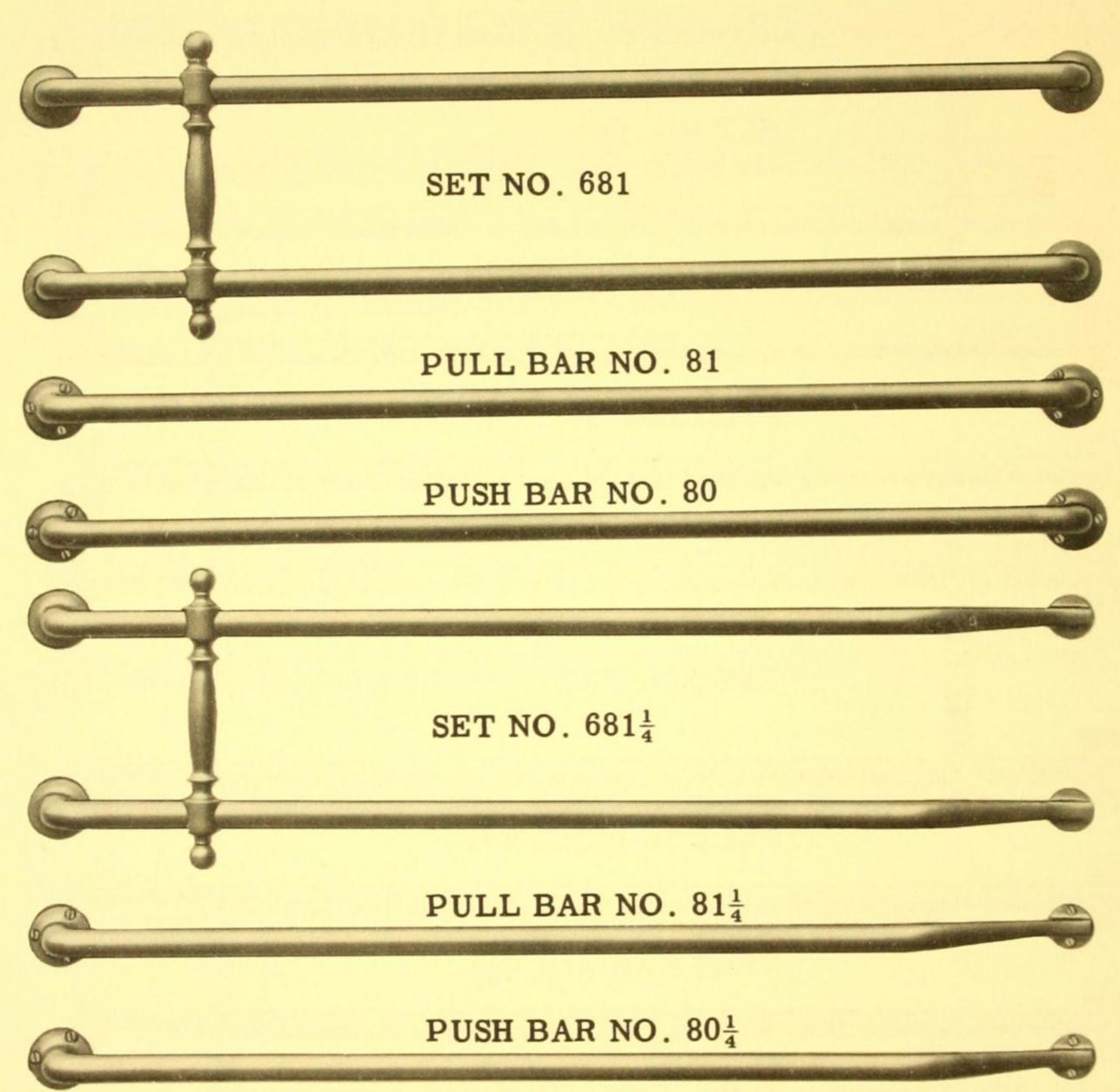


34"



PUSH AND PULL BARS

7/8" ROUND TUBING BRASS, BRONZE, NICKEL SILVER AND ALUMINUM

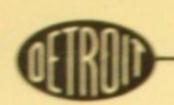


Bases, 2", Clearance, 7/8", Grip, 9 3/8", Spacing, 6", Projection 2", Offset Brackets 7".

PACKED WITH WOOD SCREWS OR THROUGH BOLTS

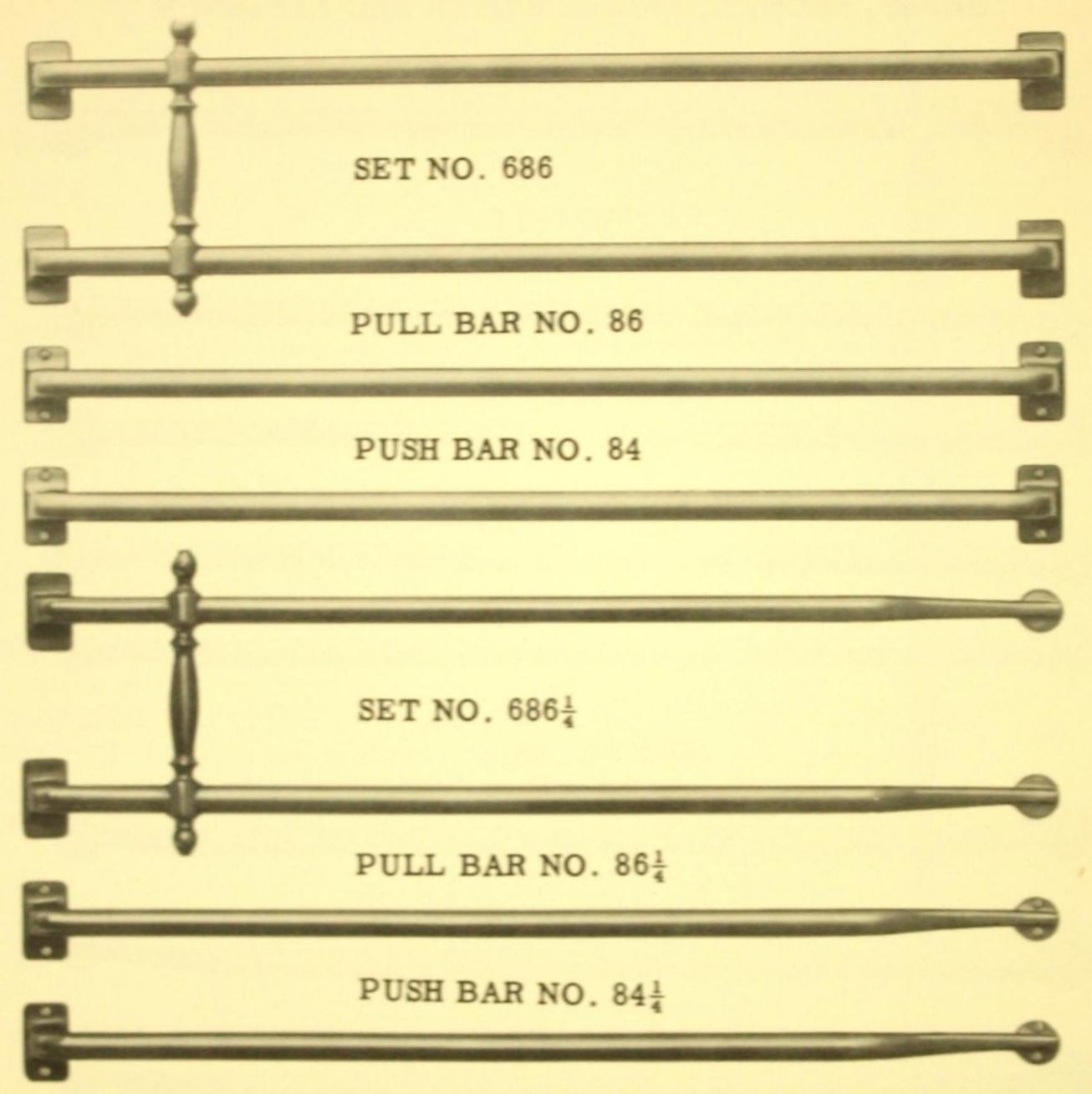
	Weights	31"	C - C
	Aluminum		Bronze
681	3.50 lbs.		10.50 lbs.
81	2.00 lbs.		6.00 lbs.
80	.75 lbs.		2.25 lbs.
$681\frac{1}{4}$	4.00 lbs.		12.00 lbs.
$81\frac{1}{4}$	2.25 lbs.		6.75 lbs.
$80\frac{1}{4}$.88 lbs.		2.64 lbs.
7			

SPECIFY C-C MEASUREMENT, THICKNESS OF DOORS AND FINISH



PUSH AND PULL BARS

7/8" ROUND TUBING BRASS, BRONZE AND ALUMINUM



Bases, 2", Clearance, 7/8", Grip, 9 3/8", Spacing, 6", Projection, 2", Offset Brackets, 7", Brackets 1 3/8" x 2 1/2"

PACKED WITH WOOD SCREWS OR THROUGH BOLTS

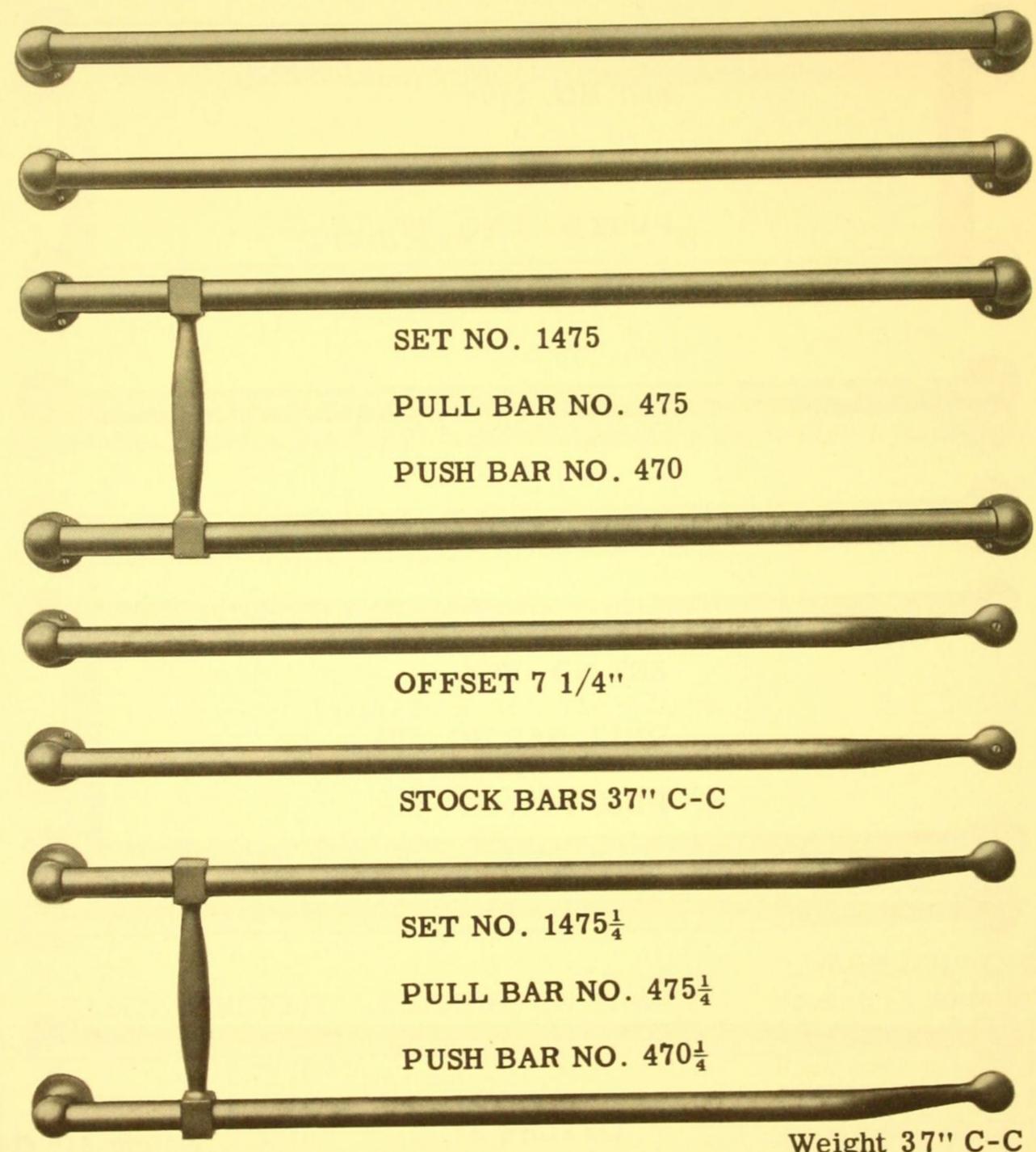
Weights 31" C - C Aluminum Bronze 686 3.50 lbs. 10.50 lbs. 86 2.00 lbs. 6.00 lbs. 84 .75 lbs. 2.25 lbs. 6861 4.00 lbs. 12.00 lbs. 861 2.25 lbs. 6.75 lbs. 841 .88 lbs. 2.64 lbs.

SPECIFY C-C MEASUREMENT, THICKNESS OF DOORS AND FINISH



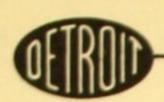
PUSH AND PULL BARS

1" ROUND TUBING BRASS, BRONZE AND ALUMINUM



		The second second			Weight	37" C-C	
NO.	BASES	HEIGHT	CLEARANCE	SPACING		Aluminum	Pack
1475	2"	2 1/2"	_			3.69 lbs.	1
			1 1/16"	8"	7 89 lbs.	2.63 lbs.	4
475	2''	2 1/2"		· ·		.82 lbs.	4
470	2''	2 1/2"	1 1/4"			4.81 lbs.	
$1475\frac{1}{4}$		2 1/2"				2.69 lbs.	4
$475\frac{1}{4}$	2''	2 1/2"	-	8''			4
$470\frac{1}{4}$	2"	2 1/2"	-		3.18 IDS.	1.06 lbs.	7
- 1							

FURNISHED WITH SURFACE SCREWS OR THROUGH BOLTS.
SPECIFY FINISH, C-C MEASUREMENT AND THICKNESS OF DOORS.



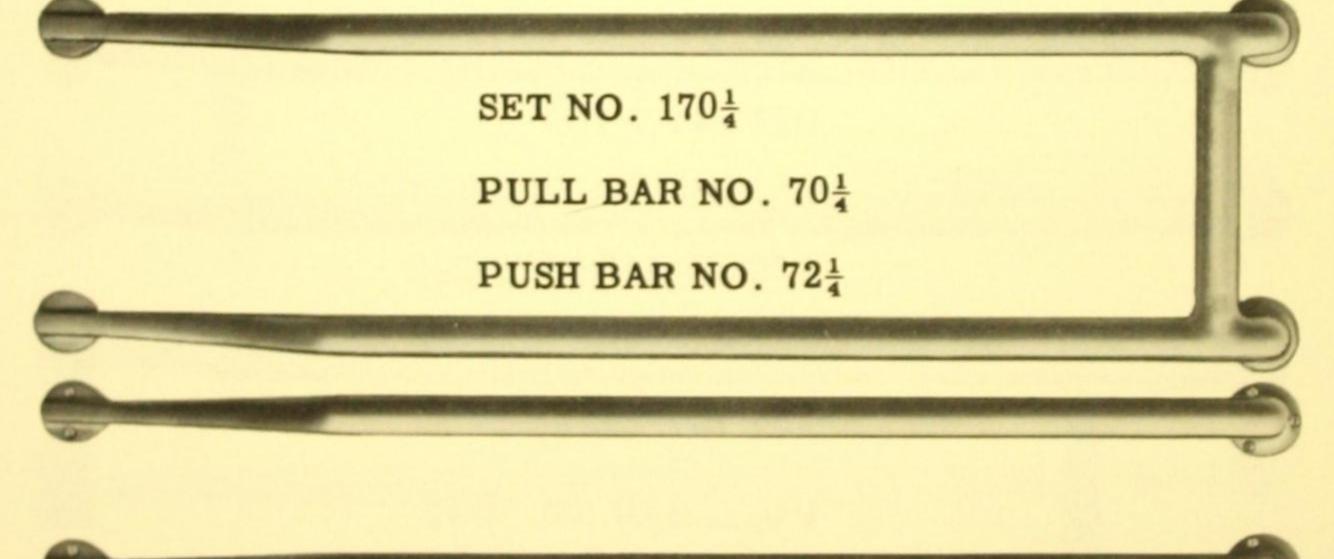
PUSH AND PULL BARS

1 1/8" ROUND TUBING BRASS, BRONZE AND ALUMINUM

SET NO. 170

PULL BAR NO. 70

PUSH BAR NO. 72



OFFSET 8" Weight 31						
NO.	BASES	HEIGHT	CLEARANCE	SPACING	Bronze	Aluminum
170	2"	2 3/16"	1 1/16"		11.23 lbs.	3.74 lbs
70	2"	2 3/16"	1 1/16"	8"	5.98 lbs.	1.99 lbs.
72	2"	2 3/16"	1 1/16"		2.63 lbs.	.88 lbs.
$170\frac{1}{4}$	2"	2 3/16"	1 1/16"		14.75 lbs.	4.92 lbs.
$70\frac{1}{4}$ $72\frac{1}{4}$	2"	2 3/16"	1 1/16"	8"	8.25 lbs.	2.75 lbs.
$72\frac{1}{4}$	2"	2 3/16"	1 1/16"		3.25 lbs.	1.08 lbs.

FURNISHED WITH SURFACE SCREWS OR THROUGH BOLTS.

SPECIFY FINISH, C-C MEASUREMENT AND THICKNESS OF DOORS.



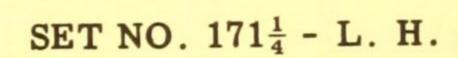
PUSH AND PULL BARS

1 1/8" ROUND TUBING BRASS, BRONZE AND ALUMINUM

SET NO. 171 - L. H.

PULL BAR NO. 71 - L. H.

PUSH BAR NO. 72



PULL BAR NO. $71\frac{1}{4}$ - L. H.

PUSH BAR NO. $72\frac{1}{4}$

OFFSET 8"

					Weight	31" C-C
NO.	BASES	HEIGHT	CLEARANCE	SPACING	Bronze	Aluminum
171	2"	2 3/16"	1 1/16"		6.61 lbs.	2.21 lbs.
71	2"	2 3/16"	1 1/16"	8"	3.98 lbs.	1.33 lbs.
72	2"	2 3/16"	1 1/16"		2.63 lbs.	.88 lbs.
$171\frac{1}{4}$	2"	2 3/16"	1 1/16"		7.75 lbs.	2.58 lbs.
$71\frac{1}{4}$	2"	2 3/16"	1 1/16"	8"	4.50 lbs.	1.50 lbs.
$72\frac{1}{4}$	2"	2 3/16"	1 1/16"		3.25 lbs.	1.08 lbs.

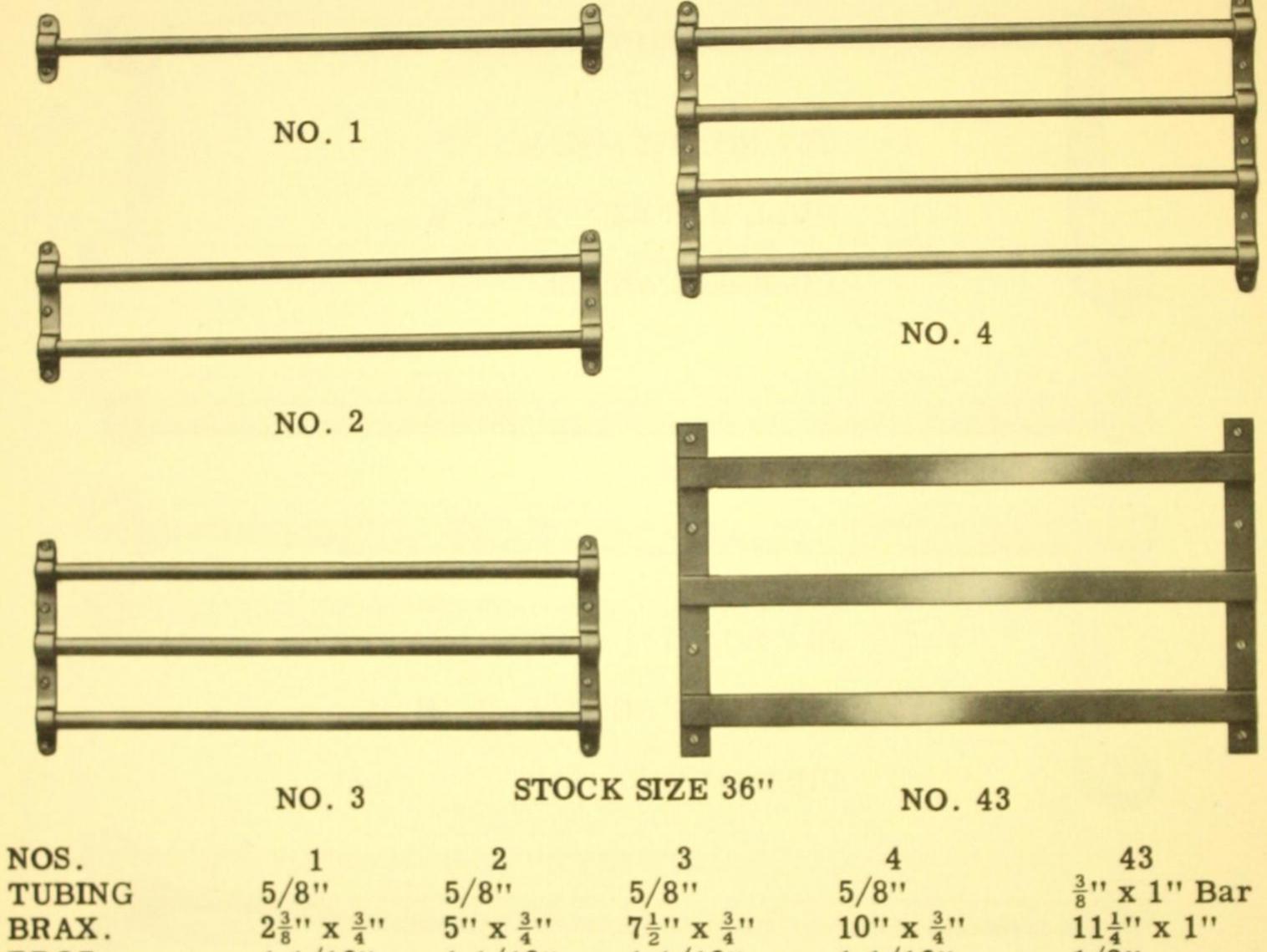
FURNISHED WITH SURFACE SCREWS OR THROUGH BOLTS.

SPECIFY FINISH, CENTER TO CENTER MEASUREMENT AND DOOR THICKNESS.



SCREEN DOOR GUARDS

BRASS, BRONZE AND ALUMINUM



1 1/16" 1 1/16" 1/2" 1 1/16" 1 1/16" PROJ. 1/4" 1/4" 1/4" CLEAR. 1/4" 3/16" UNIT PKG. 2.38 WGHT. - Alum. .56 1.12 1.75 4.94 lbs. Brass 1.68 3.36 5.25 7.14 14.82 lbs.

ABOVE BARS FURNISHED WITH SURFACE SCREWS.
WHEN REQUIRED WITH THROUGH BOLTS, ADD 1/2 TO
NUMBER. SEE PRICE LIST

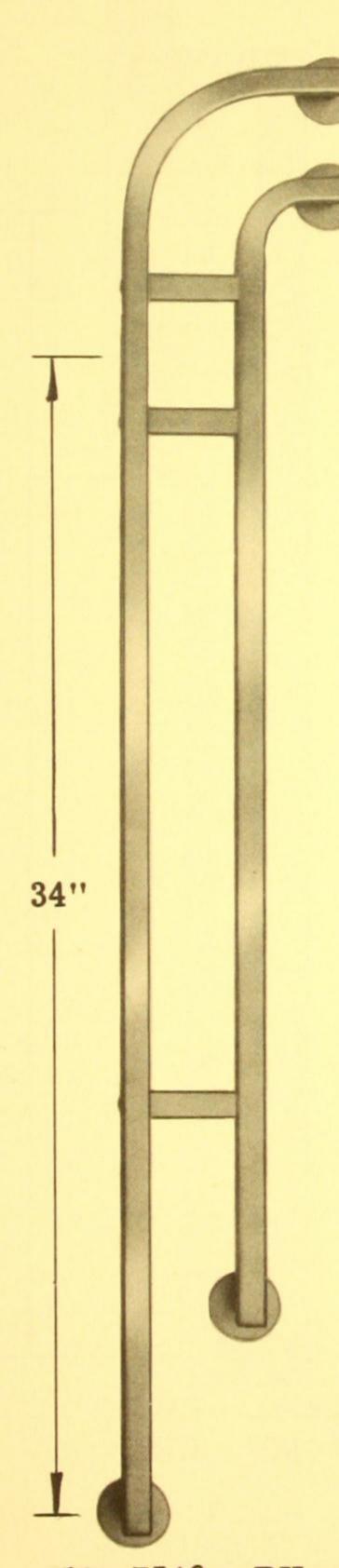
TUBING BARS ARE NOT RECOMMENDED FOR DOORS OVER 36" WIDE.

BRASS AND BRONZE TUBING, .035 - ALUMINUM TUBING, .065



EXTENSION LEG DOOR PULLS

SOLID BAR STOCK BRASS, BRONZE AND ALUMINUM



7510 - 3/4" SQUARE SOLID BAR STOCK

BASES - 2" PROJECTION - 2" CLEARANCE - 1 1/4" SPACING - 2 1/2" WEIGHT

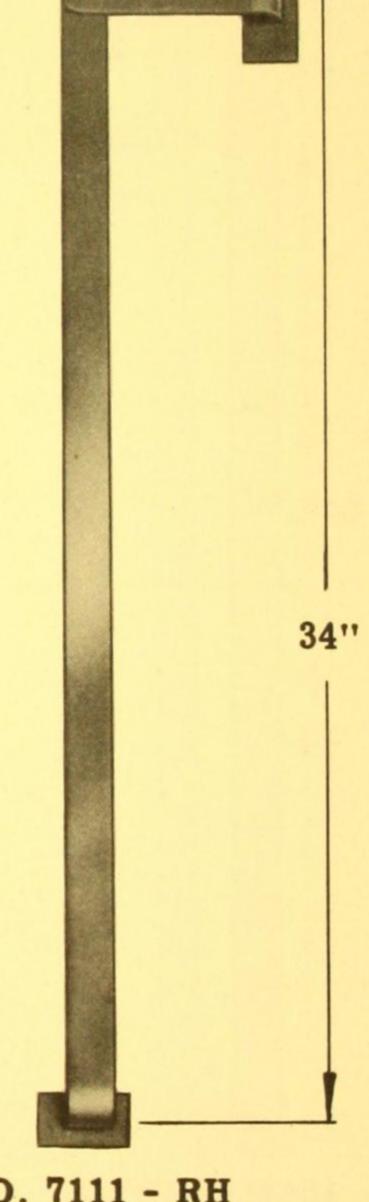
> 15.75 lbs. Bronze Aluminum 5.25 lbs.

7111 - 3/8" x 1 1/4" SOLID BAR STOCK

TOP PLATE - 1 1/2" x 9" BOTTOM PLATE - 1 1/2" x 2 1/2" PUSH PLATE - 6" x 6 3/4" PROJECTION - 2 1/8" CLEARANCE - 1 3/8" WEIGHT

Bronze 11.46 lbs. Aluminum 3.82 lbs.

SPECIFY HAND, FINISH, THICKNESS OF DOORS, SURFACE SCREWS OR THROUGH BOLTS.

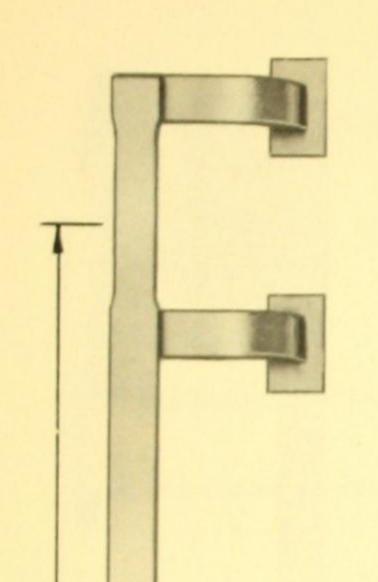


NO. 7111 - RH



EXTENSION LEG DOOR PULLS

SOLID BAR STOCK BRASS, BRONZE AND ALUMINUM



NO. 154ML - 1/2" x 1 1/2" HEAVY DUTY TOP PLATE - 2" x 13" x 3/16" BOTTOM PLATE - 2" x 3" x 3/16" CLEARANCE - 1 1/2" SPACING - 8" BACKSET OF GRIP - 4 1/2" HEIGHT - 2 1/4"

NO. 154MR - 3/8" x 1 1/2" TOP PLATE - 2" x 13" x 3/16" BOTTOM PLATE - 2" x 3" x 3/16" CLEARANCE - 1 1/2" SPACING - 8" BACKSET OF GRIP - 4 1/2" HEIGHT - 2 1/8"

NO. 154MS - 3/8" x 1 1/4" BACK PLATES 1 1/2" x 2 1/2" CLEARANCE - 1 5/8" SPACING - 6 1/4" BACKSET OF GRIP - 4 1/4" HEIGHT - 2"

Weights

	Aluminum	Bronze
154ML	5.88 lbs.	17.64 lbs.
154MR	4.00 lbs.	12.00 lbs.
154MS	2.63 lbs.	7.89 lbs.

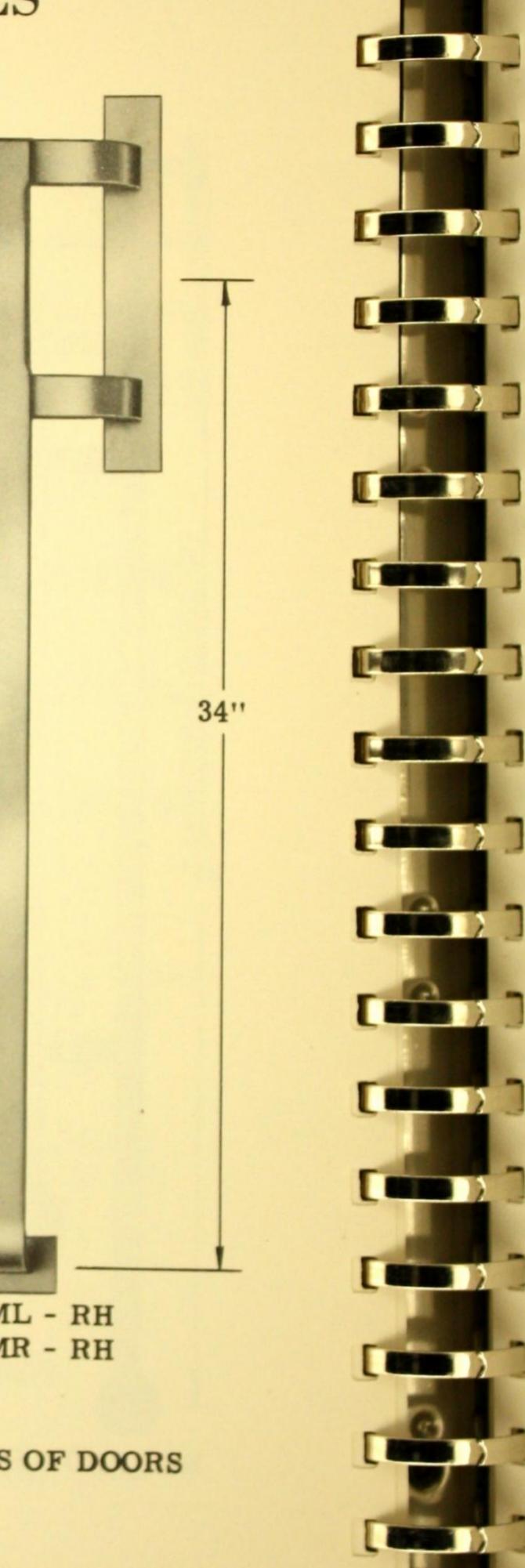
154MS -RH

34"

FURNISHED WITH THROUGH BOLTS, SURFACE SCREWS, AS ORDERED. WHEN ORDERED BACK TO BACK, SEX BOLTS WILL BE FURNISHED.

154ML - RH 154MR - RH

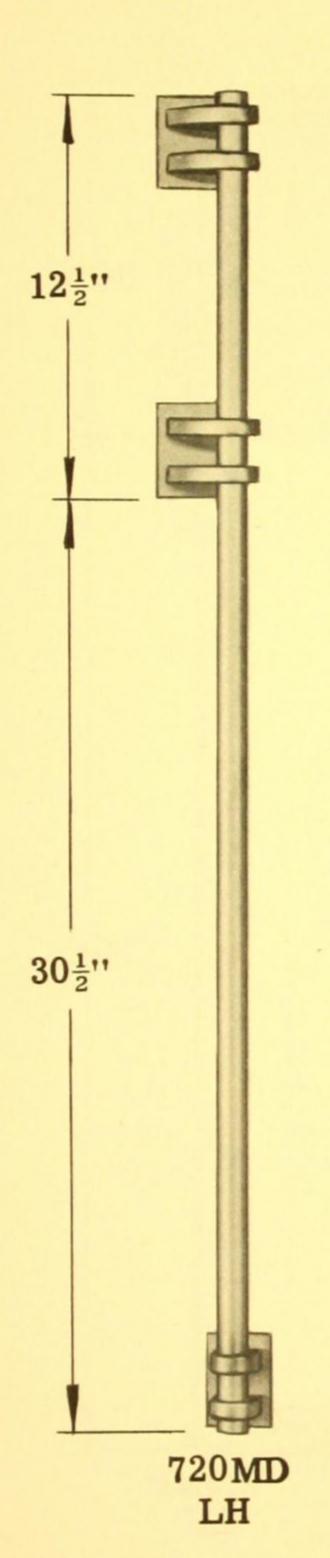
SPECIFY CENTER TO CENTER MEASUREMENT, THICKNESS OF DOORS AND FINISH.





EXTENSION LEG DOOR PULLS

BRASS, BRONZE AND ALUMINUM



NO. 720MD

LENGTH - 43" OFFSET - 1 1/2" PROJECTION - 2 7/8"

CLEARANCE - 1 1/2"
GRIP - Metal - 1" Solid Bar Stock

BACK PLATES - 2" x 3"
WEIGHT

Aluminum Bronze 4.81 lbs. 14.44 lbs.

ONE IN A PACKAGE

NO. 722MD

LENGTH - 43"

OFFSET - 1 1/2"

PROJECTION - 2 7/8"

CLEARANCE - 1 3/8"

GRIP - Metal - 1 1/4" Solid Bar Stock

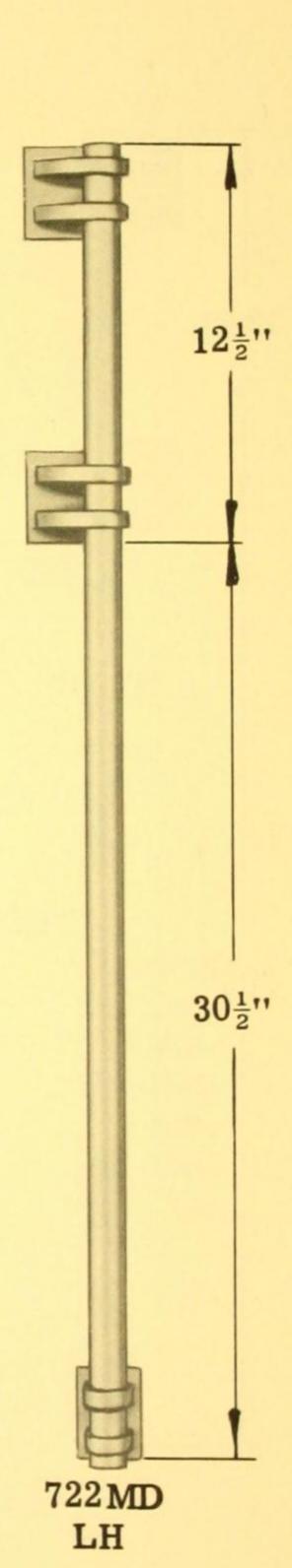
BACK PLATES -

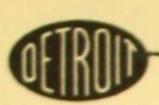
WEIGHT

Aluminum Bronze 8.88 lbs. 26.67 lbs.

FOR SURFACE SCREWS ADD 1/2 TO NUMBER

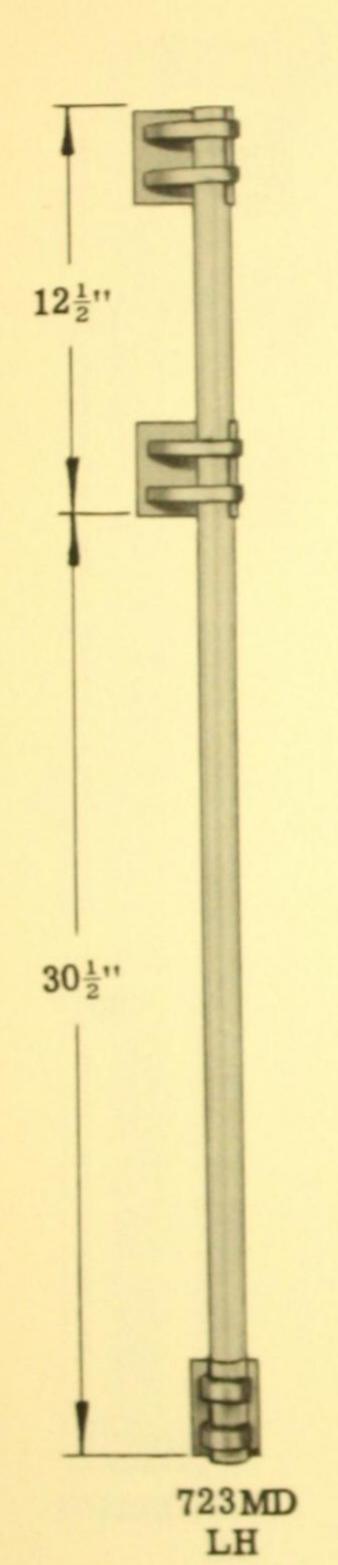
SPECIFY FINISH, HAND AND THICKNESS OF DOOR





EXTENSION LEG DOOR PULLS

BRASS, BRONZE AND ALUMINUM



NO. 723MD

LENGTH - 43"

OFFSET - 1 1/2"

PROJECTION - 2 7/8"

CLEARANCE - 1 1/2"

GRIP - Lucite - 1 1/4"

BACK PLATE - 2" x 3"

WEIGHT

Aluminum Bronze
3.50 lbs. 10.50 lbs.

ONE IN A PACKAGE

NO. 723MH

LENGTH - $43\frac{1}{2}$ "

OFFSET - 2 3/4"

PROJECTION - 3 1/2"

CLEARANCE - 1 5/8"

GRIP - Tubing -1 1/2"

TOP PLATE - 3" x 11 1/2"

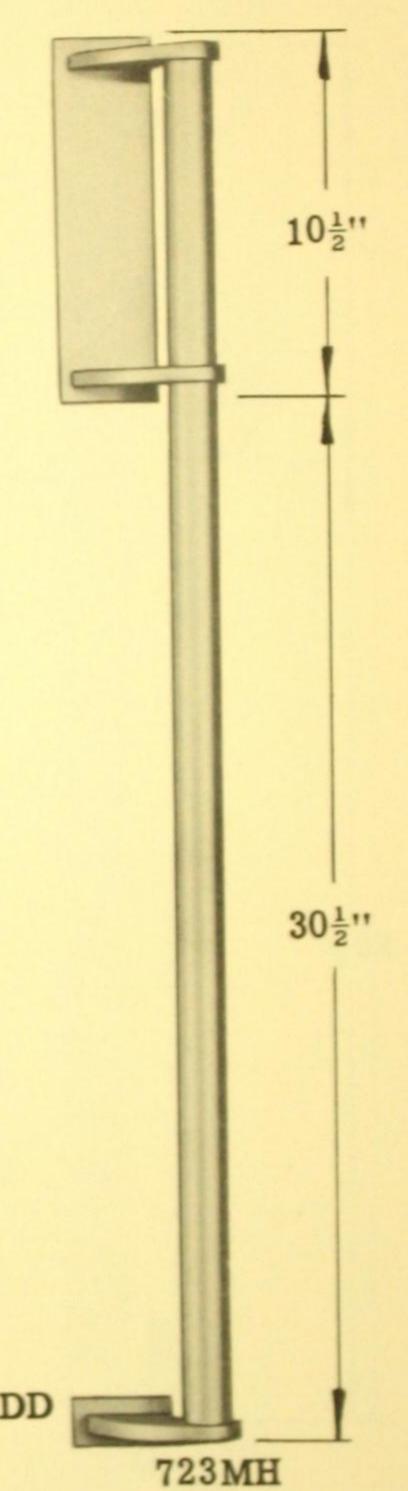
BOTTOM PLATE - 1 1/2" x 3"

WEIGHT

Aluminum Bronze
7.25 lbs. 21.75 lbs.
ONE IN A PACKAGE

FOR SURFACE SCREW ATTACHMENT ADD 1/2 TO NUMBER

SPECIFY FINISH, HAND AND THICKNESS OF DOOR

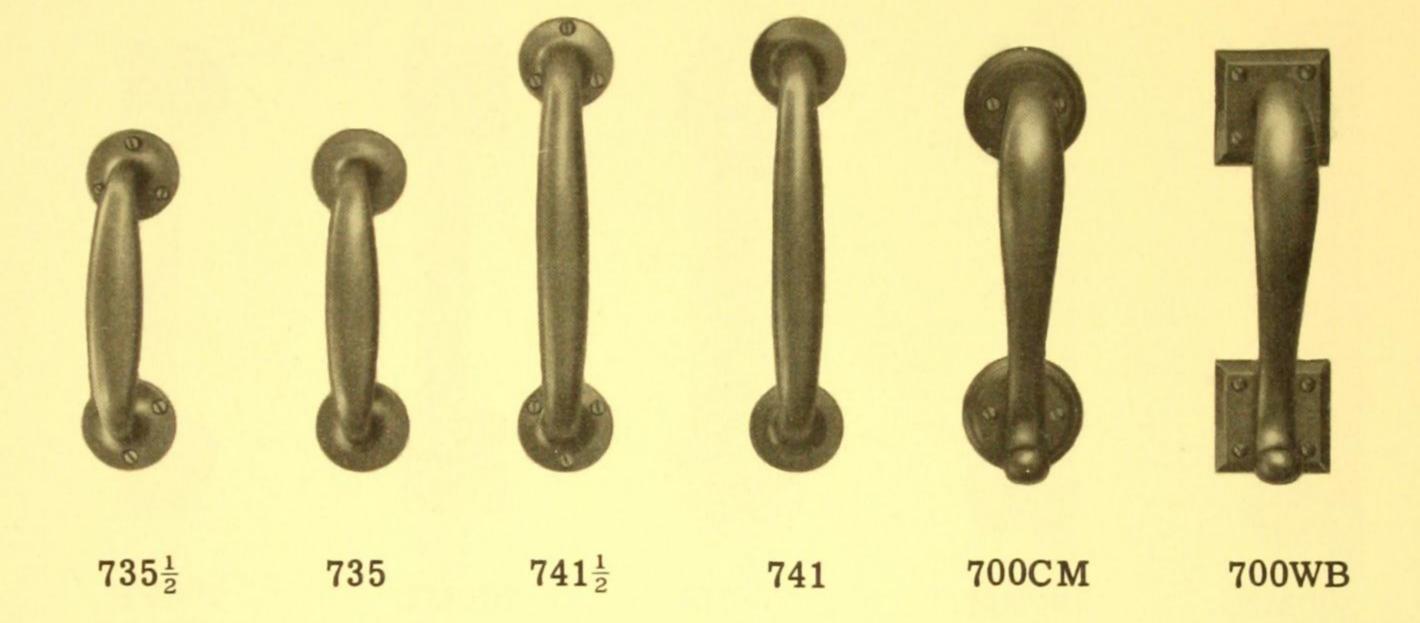


LH



DOOR PULLS

CAST BRASS, BRONZE AND ALUMINUM WITH THROUGH BOLTS



					WEIGH	HT
NO.	SIZE	CLEAR.	PROJ.	C-C	Bronze	Aluminum
$735\frac{1}{2}$	2" x 7 1/8"	$1\frac{5}{8}$ "	2 1/8"	$5\frac{1}{4}$ "	1.14 lbs.	.38 lbs.
735	2" x 7 1/8"	$1\frac{5}{8}$ "	2 1/8"	$5\frac{1}{4}$ "	1.14 lbs.	.38 lbs.
$741\frac{1}{2}$	2" x 9 1/2"	$1\frac{1}{4}$ "	2 1/2"	75 11	2.25 lbs.	.75 lbs.
741	2" x 9 1/2"	$1\frac{1}{4}$ "	2 1/2"	$7\frac{5}{8}$ "	2.25 lbs.	.75 lbs.
700CM	2½" x 9"	$2\frac{1}{4}$ "	2 7/8"	$6\frac{1}{2}$ "	1.82 lbs.	.61 lbs.
700WB	$2\frac{3}{6}$ " x 8 7/8"	$2\frac{1}{4}$ "	2 7/8"	$6\frac{1}{2}$ "	2.00 lbs.	.67 lbs.

PACKED ONE IN A BOX

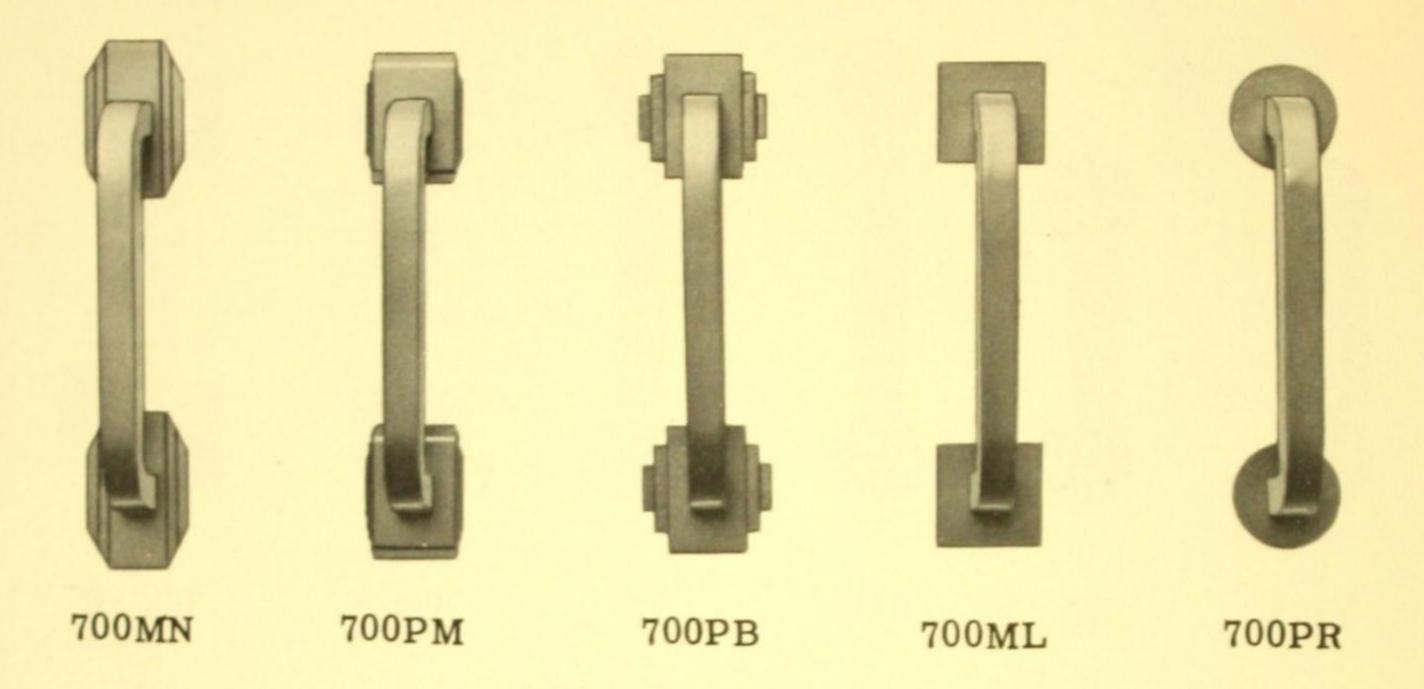
FOR SURFACE SCREWS ADD 1/2 TO NUMBER

SPECIFY FINISH REQUIRED AND THICKNESS OF DOORS



SECTIONAL DOOR PULLS

BRASS, BRONZE, ALUMINUM AND STAINLESS STEEL WITH THROUGH BOLTS



WITH NO. 75 GRIPS - 3/4" SOLID BAR STOCK

NO.	SIZE	BASES	HEIGHT	CLEAR	C-C	PACK
700MN	$2'' \times 10^{\frac{1}{2}}''$	$2'' \times 3\frac{1}{4}''$	3111	1311	7311	1
700PM	1 7/8" x 10"	$17/8'' \times 2\frac{3}{4}''$	3111	$1\frac{3}{4}$ "	7311	1
700PB	$2\frac{1}{2}$ " x $9\frac{3}{4}$ "	$2\frac{1}{2}$ " x $2\frac{1}{2}$ "	3111	13/11	7311	1
700ML	$2'' \times 9\frac{3}{8}''$	2"	3111	13/11	7311	1
700PR	2" x 9\frac{3}{8}"	2"	31111	13/11	$7\frac{3}{8}$ "	1

FOR SURFACE SCREWS ADD 1/2 TO NUMBER

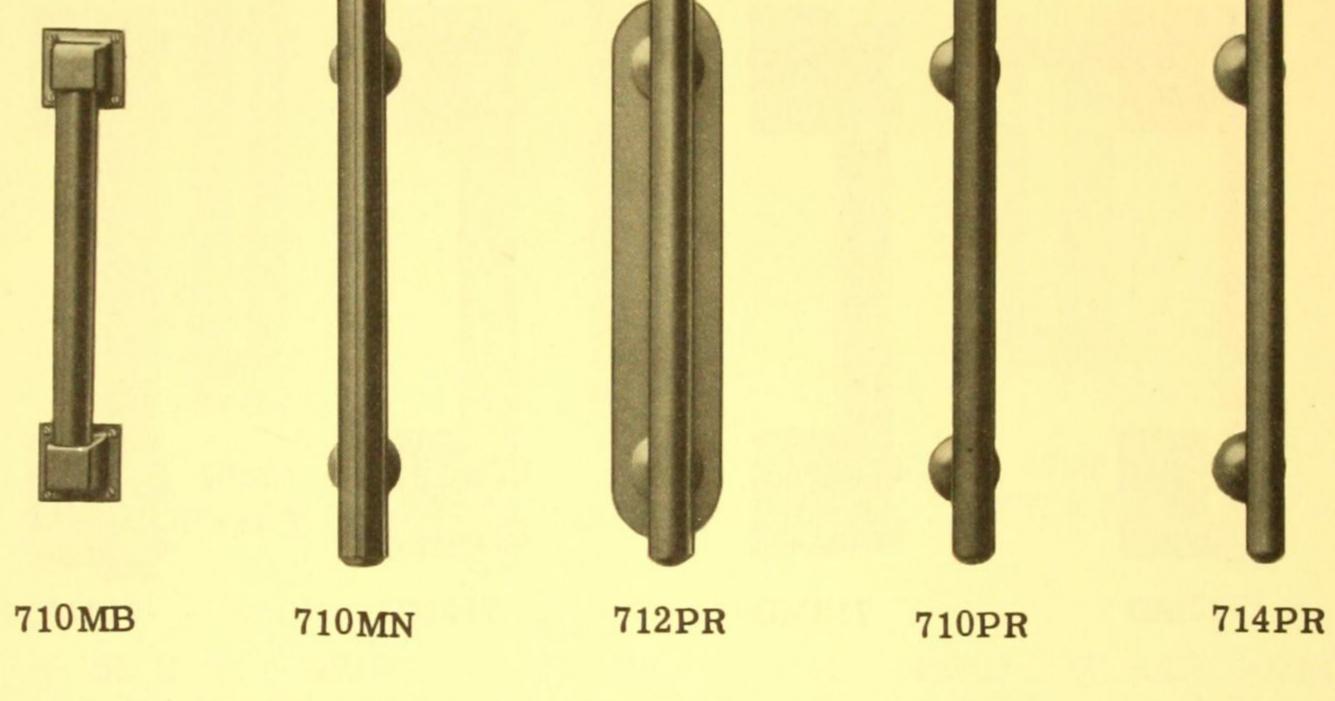
WEIGHT

	Aluminum	Bronze
700ML	.67 lb.	2.00 lbs.
700PM	.75 lb.	2.25 lbs.
700PB	.73 lb.	2.17 lbs.
700ML	.67 lb.	2.00 lbs.
700PR	.67 lb.	2.00 lbs.



DOOR PULLS

BRASS, BRONZE AND ALUMINUM WITH THROUGH BOLTS



NO.	SIZE	BASES	C-C	PROJ.	CLEAR.	PACK
714PR	1" x 16"	2"	11"	2 3/8"	13"	1
710PR	$1\frac{1}{8}$ " x 16"	2"	11"	2 1/2"	$\frac{1\frac{3}{8}}{1\frac{3}{8}}$ "	1
712PR	1" x 16"	3" x 15	5" 11"	2 9/16"	$1\frac{3}{8}$ "	1
*710MN	$1\frac{1}{4}$ " x 16"	2"	11"	2"	13"	1
710MB	1" x 12"	$2\frac{1}{8}$ "	11"	2 5/8"	1"	1

FOR SURFACE SCREWS ADD 1/2 TO NUMBER

	Weigh	nt
	Bronze	Aluminum
714PR	4.38 lbs.	1.46 lbs.
710PR	5.42 lbs.	1.82 lbs.
712PR	7.98 lbs.	2.66 lbs.
710MN	6.00 lbs.	2.00 lbs.
710MB	1.59 lbs.	.53 lbs.

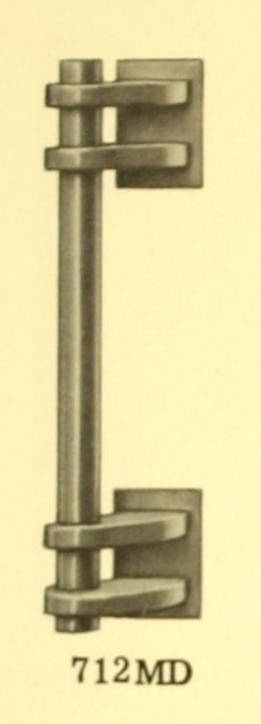
SPECIFY FINISH AND THICKNESS OF DOOR

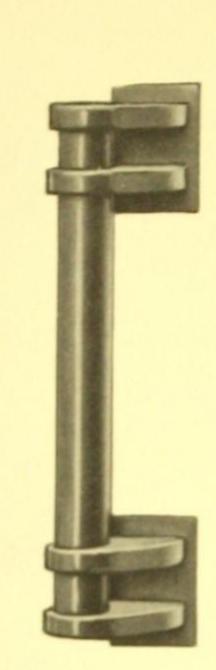
* MADE IN ALUMINUM ONLY



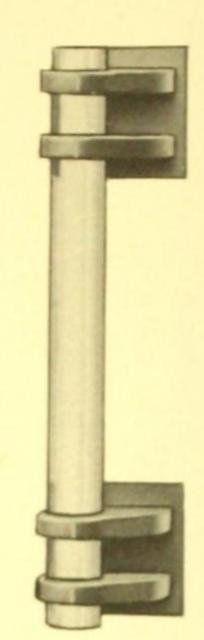
DOOR PULLS

BRASS, BRONZE AND ALUMINUM WITH THROUGH BOLTS

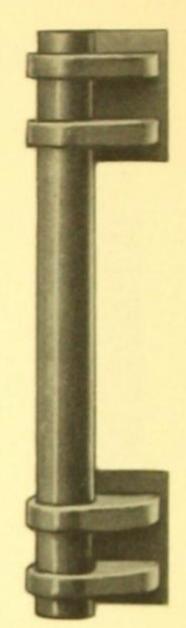




713MD



715MD



714 MD

NO.	GRIP	BASES	PROJ.	CLEAR.	C-C	OFFSET	PACK
712 MD	1"	2" x 3"	2311	1 3/8"		112"	1
713MD	11111	2" x 3"	$2\frac{3}{4}$ "	1 5/16"	10"	$1\frac{1}{2}$ "	1
*715MD	$1\frac{1}{4}$ "	2" x 3"	$2\frac{3}{4}$ "	1 5/16"	10"	$1\frac{1}{2}$ "	1
714 MD	$1\frac{1}{4}$ "	2" x 3"	$2\frac{3}{4}$ "	1 5/16"	10"	$1\frac{1}{2}$ "	1
		SIZ	E OVER	AT.I. 2" x 1	311		

FOR SURFACE SCREWS ADD 1/2 TO NUMBER

*LUCITE

WEIGHT

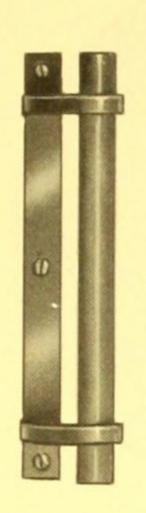
	Bronze	Aluminum
712MD	6.00 lbs.	2.00 lbs.
713MD	7.32 lbs.	2.44 lbs.
715MD	3.32 lbs.	2.20 lbs.
714MD	7.68 lbs.	2.56 lbs.

SPECIFY FINISH AND THICKNESS OF DOORS

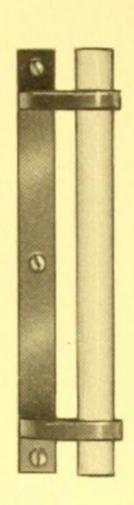


DOOR PULLS

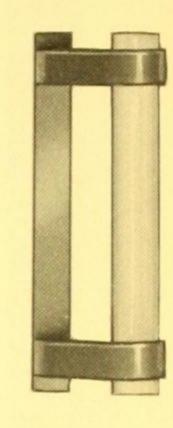
SOLID BAR STOCK BRASS, BRONZE AND ALUMINUM



 $4034\frac{1}{2}$ OFFSET 2''



 $4032\frac{1}{2}$ OFFSET 2"



4030 OFFSET 2¹/₄"

			BACK				
NO.	SIZE	GRIP	PLATE	C-C	PROJ.	CLEAR.	PACK.
$4034\frac{1}{2}$	$1\frac{3}{4}$ " x 11"	1" x 11"	1" x 11 13/16"				1
*40321	$1\frac{3}{4}$ " x 11"	1" x 11"	1" x 11 13/16"	9"	2 3/16"	1 1/2"	1
*4030			1" x 10"	8"	2 3/16"	3/4"	1
		_					

FOR SURFACE SCREWS ADD 1/2 TO NUMBER

ANY OF THE ABOVE PULLS MAY BE HAD WITH LONGER GRIPS AND BACK PLATES AT AN ADVANCE IN PRICE.

WHEN FURNISHED WITH THROUGH BOLTS, SEX BOLTS WILL BE SUPPLIED.

WEIGHTS

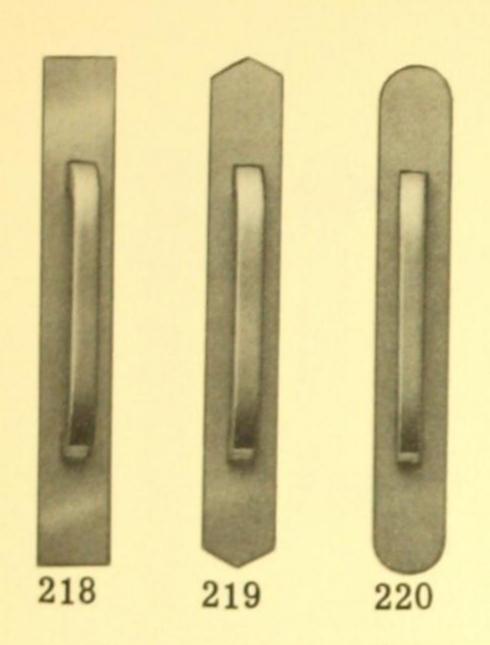
NO.	Bronze	Aluminum
$4034\frac{1}{2}$	4.32 lbs.	1.44 lbs.
$4032\frac{1}{2}$	2.64 lbs.	.88 lbs.
4030	3.96 lbs.	1.32 lbs.

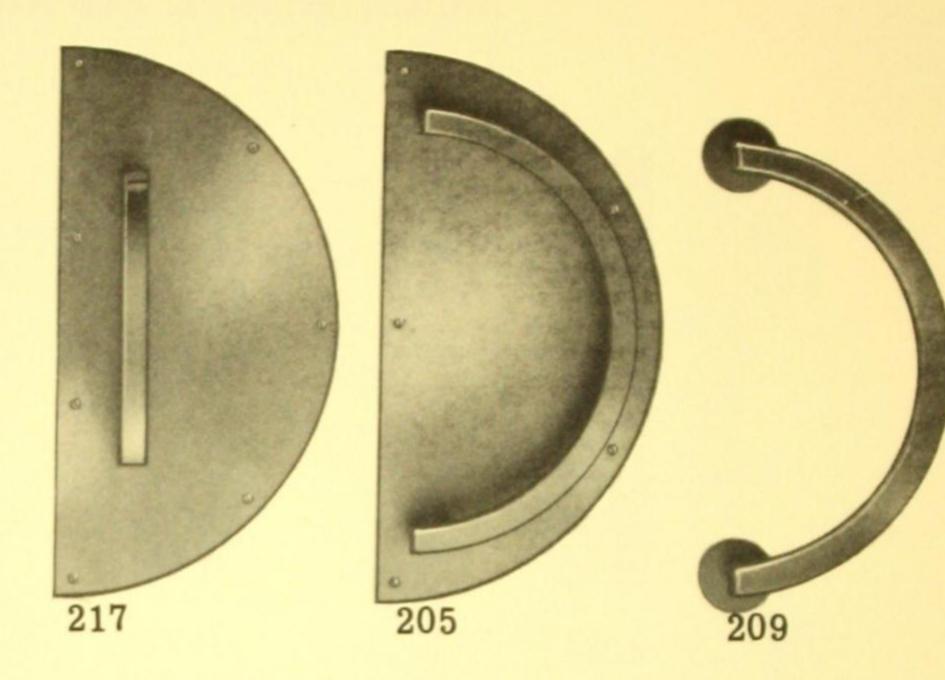
* $4032\frac{1}{2}$ AND 4030 GRIPS ARE MADE OF LUCITE

SPECIFY FINISH AND THICKNESS OF DOORS



DOOR PULLS
BRASS, BRONZE, ALUMINUM AND STAINLESS STEEL WITH THROUGH BOLTS





NO. 218 219 220 217 *205 *209	SIZE 2" x 14" 2" x 14" 2" x 14" 7½" x 15" 7½" x 15"	GRIP NO. 75 75 75 75 76	$7\frac{3}{8}$ " $7\frac{3}{8}$ " $7\frac{3}{8}$ " $7\frac{3}{8}$ " 11 "	PROJ. 2\frac{1}{2}'' 2\frac{1}{2}'' 2\frac{1}{2}'' 2\frac{1}{8}'' 2\frac{3}{8}'' 2\frac{3}{8}''	CLEAR. 1 11/16" 1 11/16" 1 11/16" 1 1/2" 1 3/16"	PACK 1 1 1 1
*209		76	11"	23"	1 3/16"	1

*GRIPS ON NO. 205 AND NO. 209 HAVE FOUR STUDS FOR EXTRA STRENGTH FOR DOOR PULLS WITH SURFACE SCREWS ADD 1/2 TO NUMBER

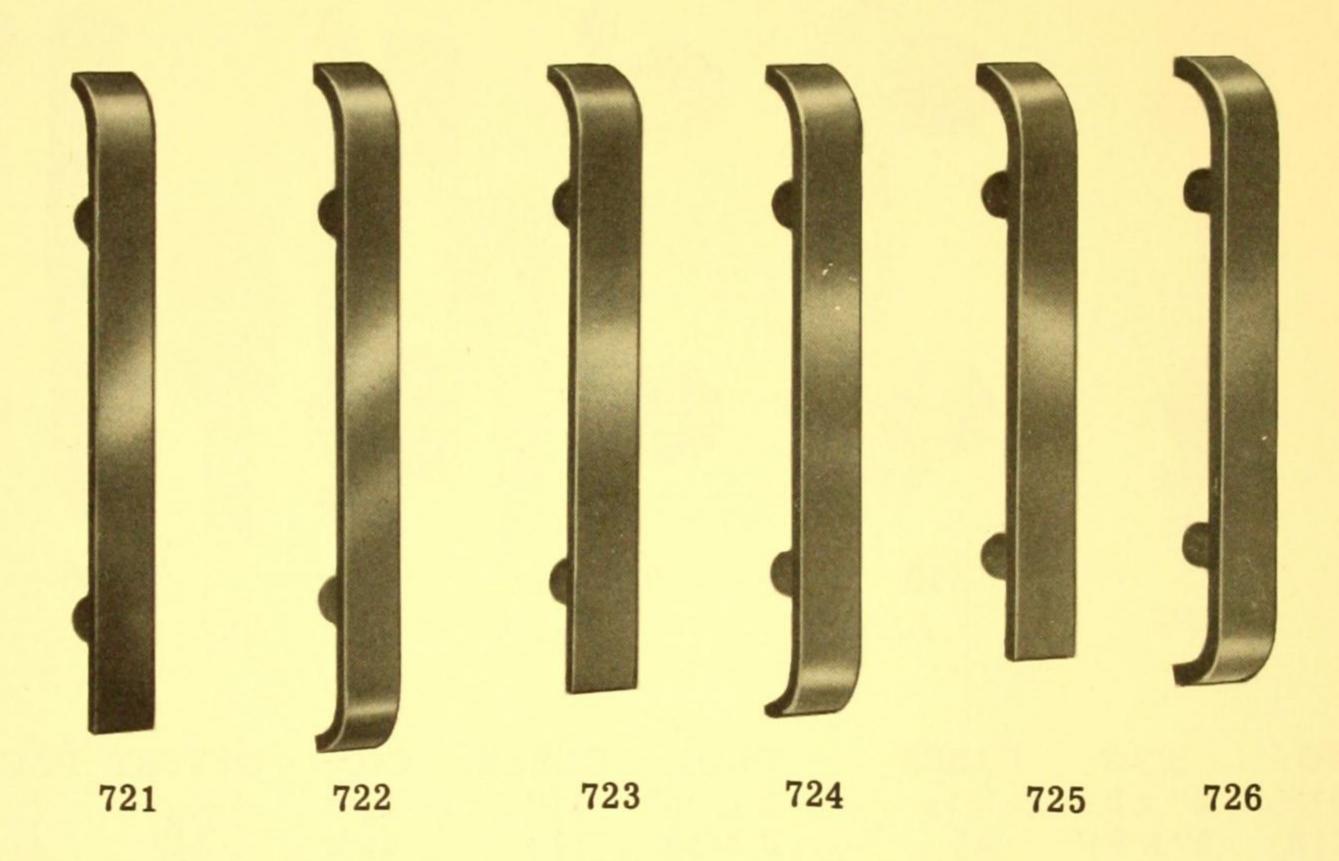
	Weigh	hts
NO.	Bronze	Aluminum
218	3.00 lbs.	1.00 lb.
219	3.00 lbs.	1.00 lb.
220	3.00 lbs.	1.00 lb.
217	2.82 lbs.	.94 lb.
205	3.39 lbs.	1.13 lb.
209	3.00 lbs.	1.00 lb.

SPECIFY FINISH AND THICKNESS OF DOOR



DOOR PULLS

SOLID BAR STOCK
BRASS, BRONZE, ALUMINUM AND STAINLESS STEEL
WITH THROUGH BOLTS

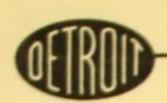


					WEIG	HT
NO.	SIZE	PROJ.	CLEAR.	PACK	Bronze	Aluminum
721	$\frac{3}{8}$ " x $1\frac{1}{4}$ " x $13\frac{1}{8}$ "	1 11/16"	1 5/16"	1	2.46 lbs.	.82 lbs.
722	$\frac{3}{8}$ " x $1\frac{1}{4}$ " x $14\frac{1}{4}$ "	1 11/16"	1 5/16"	1	2.64 lbs.	.88 lbs.
723	$\frac{3}{8}$ " x $1\frac{1}{2}$ " x $13\frac{1}{8}$ "	1 11/16"	1 5/16"	1	2.82 lbs.	.94 lbs.
724	$\frac{3}{8}$ " x $1\frac{1}{2}$ " x $14\frac{1}{4}$ "	1 11/16"	1 5/16"	1	3.00 lbs.	1.00 lbs.
725	$\frac{1}{2}$ " x $1\frac{1}{2}$ " x $13\frac{1}{8}$ "	1 13/16"	1 5/16"	1	3.57 lbs.	1.19 lbs.
726	$\frac{1}{2}$ " x $1\frac{1}{2}$ " x $14\frac{1}{4}$ "	1 13/16"	1 5/16"	1	3.63 lbs.	1.31 lbs.
C - (C OF STUDS - 8"		DIAMET	ER OF S	TUDS 1"	

ENGRAVED PUSH OR PULL - SEE PRICE LIST FURNISHED BACK TO BACK WHEN SO ORDERED

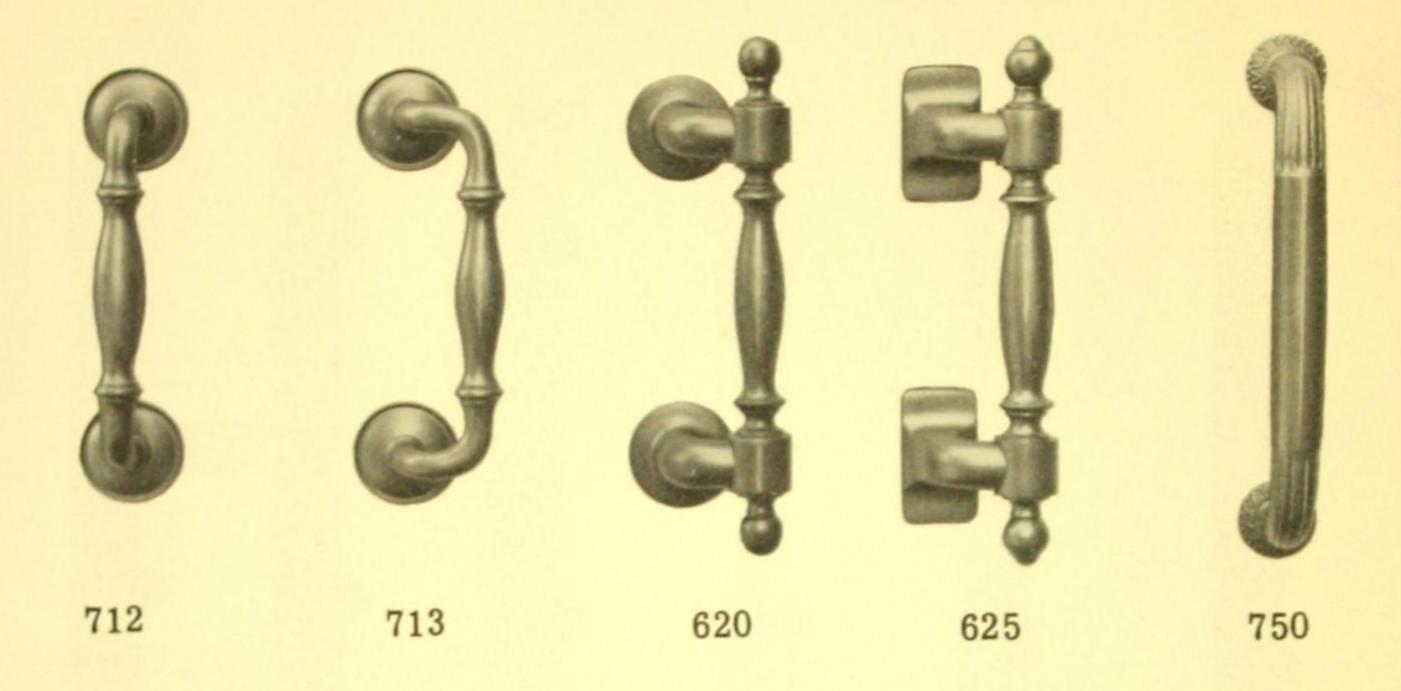
MAY BE HAD MOUNTED ON ANY OF OUR PUSH PLATES.

SPECIFY FINISH AND THICKNESS OF DOORS.



DOOR PULLS

CAST BRASS, BRONZE AND ALUMINUM WITH THROUGH BOLTS



NO.	SIZE	BASES	PROJ.	CLEAR.	C-C	OFFSET	PACK
712	2" x 8 ¹ / ₄ "	2"	2 3/16"	114"	$6\frac{1}{4}$ "	-	1
713	$2'' \times 8\frac{1}{4}''$	2"	2 3/16"	11111	$6\frac{1}{4}$ "	112"	1
620	$2'' \times 9\frac{3}{8}''$	2"	2 1/8"	$1\frac{1}{8}$ "	6"	$1\frac{1}{2}$ "	1
625	$1\frac{3}{8}$ " x $9\frac{5}{8}$ "	$1\frac{3}{8}$ " x $2\frac{1}{2}$ "	2"	1"	6"	13/11	1
750	$1\frac{1}{2}$ " x $9\frac{5}{8}$ "		2 5/8"	1 5 "	83"	-	1

FOR SURFACE SCREWS ADD 1/2 TO NUMBER

WEIGHT

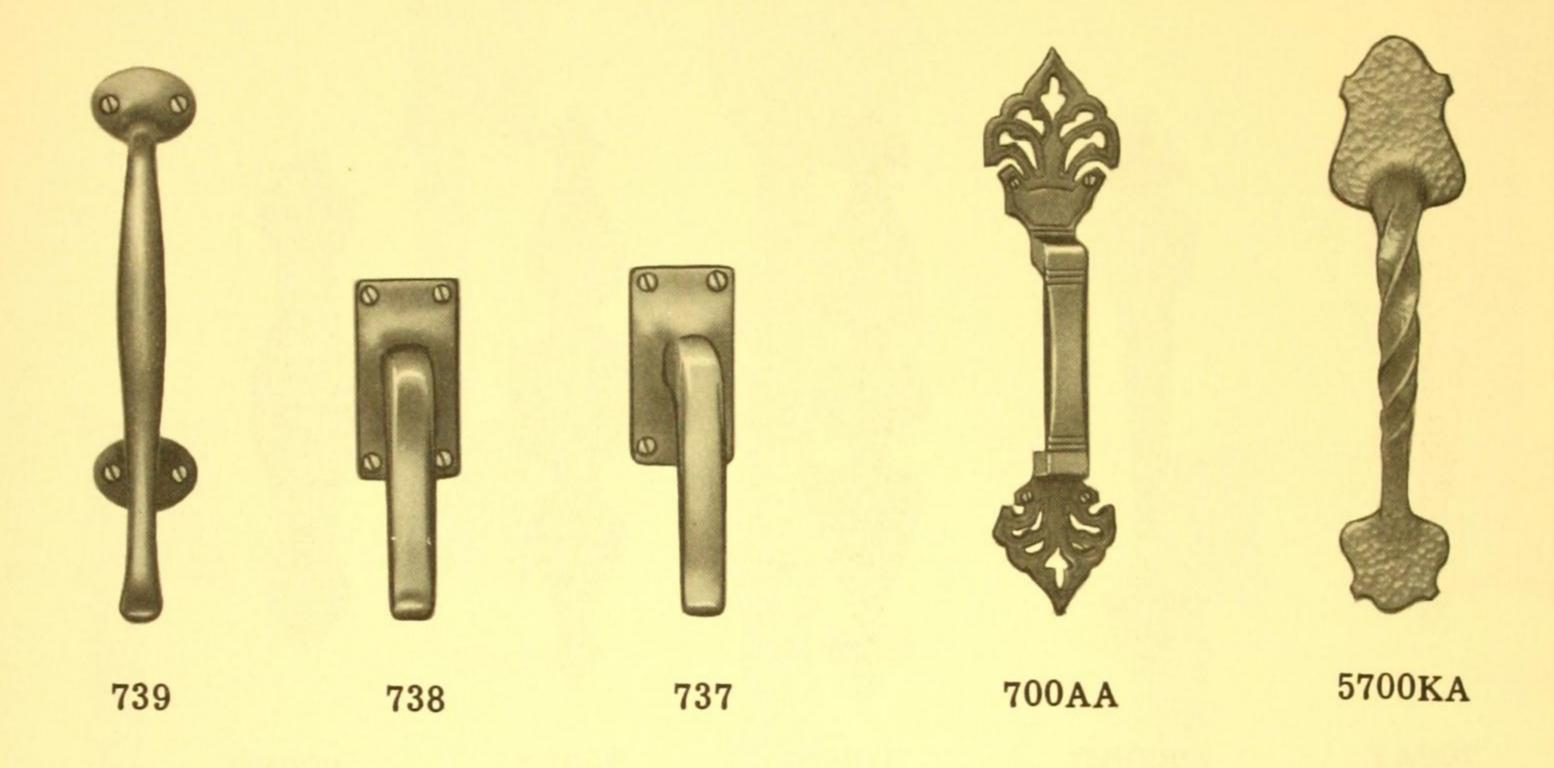
	Bronze	Aluminum
712	1.19 lbs.	.40 lbs.
713	1.25 lbs.	.42 lbs.
620	2.19 lbs.	.73 lbs.
625	2.44 lbs.	.82 lbs.
750	2.13 lbs.	.71 lbs.

SPECIFY FINISH AND THICKNESS OF DOORS



DOOR PULLS

CAST BRASS, BRONZE, ALUMINUM AND WHITE BRONZE WITH THROUGH BOLTS



NO.	SIZE	BASES	PROJ.	CLEAR.	C-C	PACK
739	1 5/8" x 9"	1 1/4" x 1 5/8"	2 3/4"	1 1/2"	6"	6
	1 1/4" x 6"	1 1/4" x 3 3/4"	4"	3 1/2"	-	6
	1 1/4" x 6"		3 1/2"	2	-	6
	2 3/4" x 12"		1 3/4"	1 7/8"	8"	1
	2 3/4" x 11"		2 1/2"	1 3/4"	7"	1

FOR SURFACE SCREWS, ADD 1/2 TO NUMBER

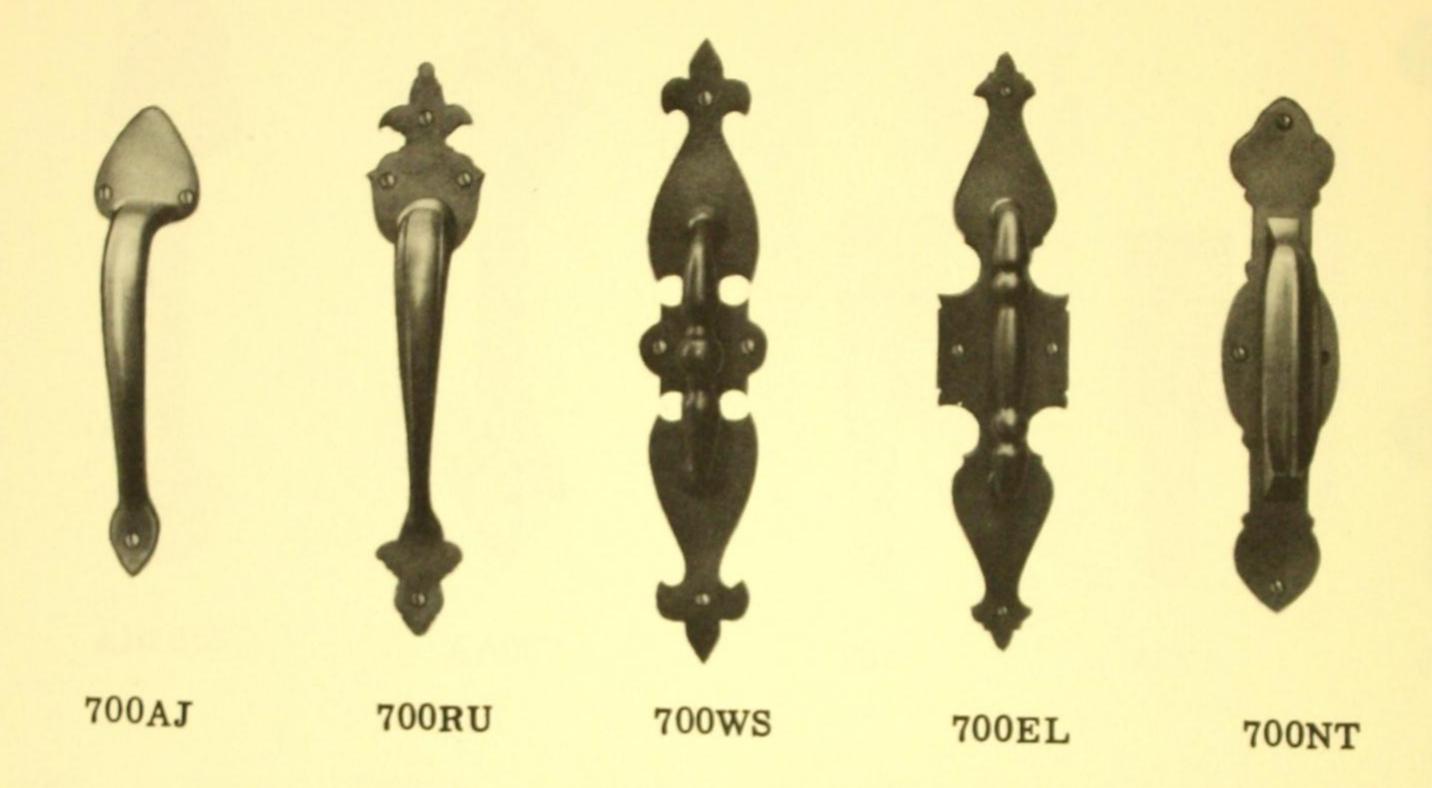
WEIGHT

NO.	Bronze	Aluminum
739	1.00 lbs.	.33 lbs.
738	1.75 lbs.	.38 lbs.
737	1.69 lbs.	.56 lbs.
700AA	1.88 lbs.	.62 lbs.
5700KA	4.14 lbs.	1.38 lbs.



DOOR PULLS

CAST BRASS, BRONZE AND ALUMINUM



NO.	CITE	01	222 Com 1 1 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2		WEIGH	T
700AJ	SIZE	CLEAR.	PROJ.	C-C	Bronze	Aluminum
700RU	$2\frac{1}{8}$ " x $9\frac{1}{2}$ "	1 7/8"	$2\frac{1}{2}$ " $2\frac{3}{8}$ "	7"	.94 lbs.	.31 lbs.
700WS	$2\frac{3}{8}$ " x $11\frac{1}{2}$ "	1 7/8"	2311	$6\frac{3}{4}$ "	1.07 lbs.	.36 lbs.
700EL	$2\frac{5}{8}$ " x $12\frac{3}{4}$ "	1 1/4"	2311	4311	1.63 lbs.	.55 lbs.
700NT	$2\frac{1}{8}$ " x $12\frac{1}{4}$ "	1 1/4"	21/8"	5\frac{3}{8}"	1.50 lbs.	.50 lbs.
TOON	$2\frac{1}{4}$ " x $10\frac{3}{8}$ "	1 3/8"	2"	43"	1.07 lbs.	.36 lbs.

PACKED ONE IN A BOX

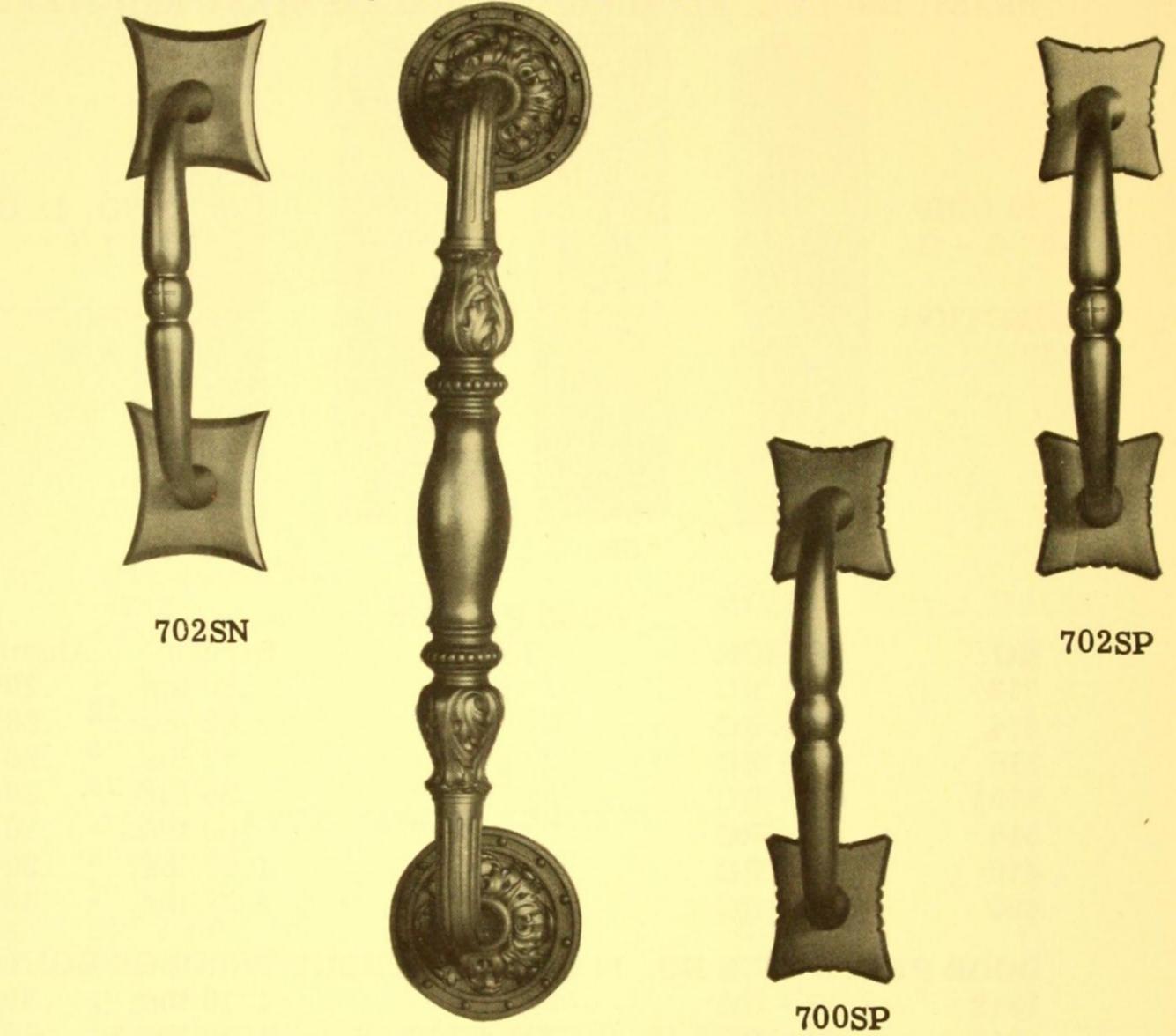
FOR SURFACE SCREWS ADD 1/2 TO NUMBER

SPECIFY FINISH AND THICKNESS OF DOORS



DOOR PULLS

CAST BRASS. BRONZE AND ALUMINUM



7	N	n	C	N
	v	v	D.	

WEIGHT

NO.	SIZE	PROJ.	CLEAR.	Bronze	Aluminum
700 SN	2 7/8" x 11"	$3\frac{1}{8}$ "	2"	2.19 lbs.	.73 lbs.
702 SN	2 7/8" x 11"	31/8"	2"	2.19 lbs.	.73 lbs.
730	3 3/4" x 20"	3311	2"	6.00 lbs.	2.00 lbs.
700SP	$2 \ 3/8'' \times 10^{\frac{1}{2}}$	$3\frac{1}{8}$ "	2"	2.19 lbs.	.73 lbs.
702SP	$2 \ 3/8'' \times 10^{\frac{1}{2}}$	$3\frac{1}{8}$ "	2"	2.19 lbs.	.73 lbs.

730

FOR SURFACE SCREWS ADD 1/2 TO NUMBER

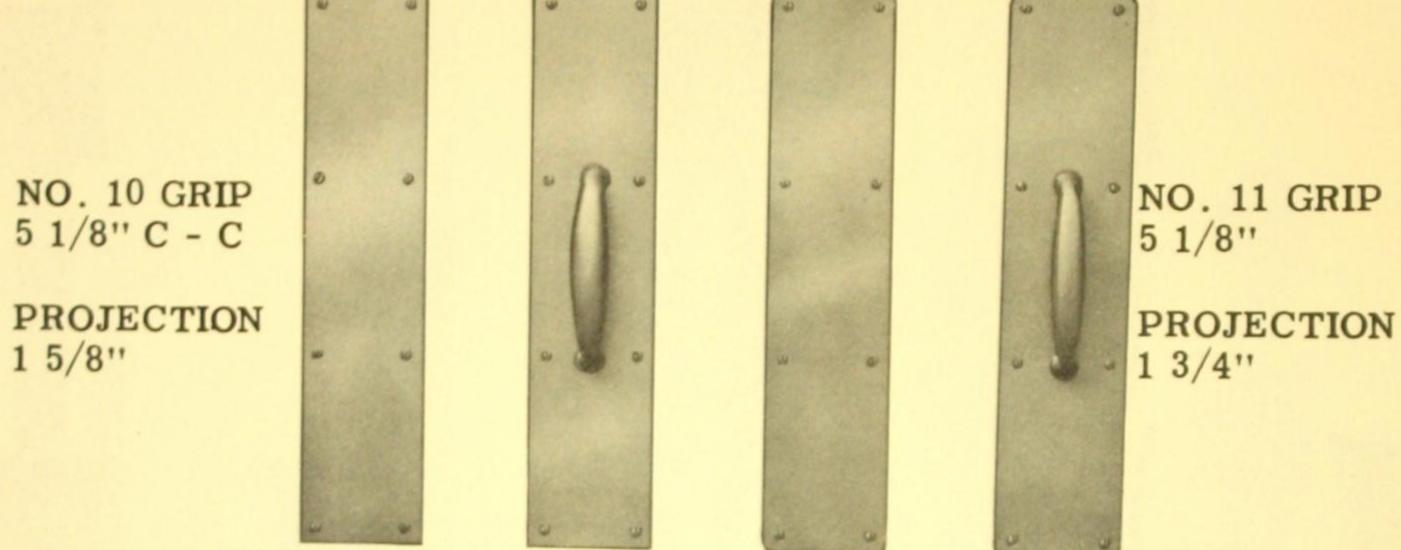
SPECIFY FINISH REQUIRED

PACKED ONE IN A BOX



DOOR PULLS AND PUSH PLATES

SOLID ROLLED METAL .051
BRASS, BRONZE, ALUMINUM, STAINLESS STEEL AND STEEL



	SR	SR	RC	RC	
		PUSH	PLATES		
NO.	DESIGN	S	IZE	Bronze	Aluminum
312	SR - RC	3"	x 12"	.60 lbs.	
314	SR - RC	$3\frac{1}{2}$	" x 14"	.82 lbs.	
315	SR - RC	See	x 15"	.77 lbs.	
$315\frac{1}{2}$	SR - RC		" x 15"	.86 lbs.	
316	SR - RC		" x 16"	.90 lbs.	
416	SR - RC	flat	x 16"	1.07 lbs.	
420	SR - RC		x 20"	1.38 lbs.	
DOOR	PULLS WITH N	O. 10 GRI	P - WITHOU	UT THROUGH	BOLTS
1312	SR - RC		x 12"	1.16 lbs.	
1314	SR - RC	$3\frac{1}{2}$	" x 14"	1.38 lbs.	
1315	SR - RC	No.	x 15"		.44 lbs.
$1315\frac{1}{2}$	SR - RC	31/2	" x 15"	1.42 lbs.	
1316	SR - RC	2	" x 16"	1.46 lbs.	
1416	SR - RC	£	x 16"	1.63 lbs.	
1420	SR - RC		x 20"		.65 lbs.
DOOR	PULLS WITH N	O. 11 GRI	PS - WITH	THROUGH BO	LTS
4312	SR - RC	3"	x 12"	1.38 lbs.	
1211	CD DC	01.			

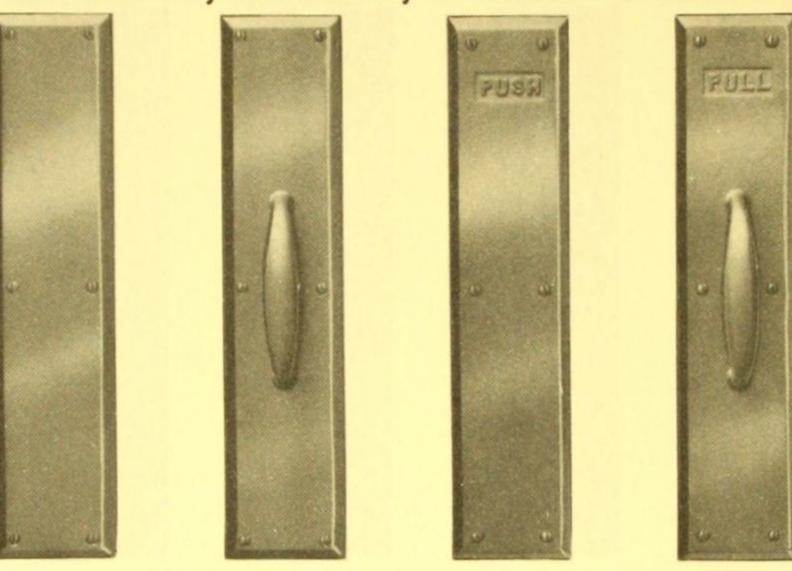
4314 SR - RC $3\frac{1}{2}$ " x 14" 1.60 lbs. .54 lbs. 4315 SR - RC 3" x 15" 1.55 lbs. .52 lbs. $4315\frac{1}{2}$ SR - RC $3\frac{1}{2}$ " x 15" 1.64 lbs. .55 lbs. 4316 SR - RC $3\frac{1}{2}$ " x 16" 1.68 lbs. .56 lbs. 4416 SR - RC 4" x 16" 1.85 lbs. .62 lbs. 4420 SR - RC 4" x 20" 2.16 lbs. .72 lbs. PUSH PLATES ARE PACKED 6 IN A BOX - DOOR PULLS 1 IN A BOX

ALL THE ABOVE ARE MADE TO TEMPLATE



DOOR PULLS AND PUSH PLATES

WB DESIGN - WIDE BEVEL CAST BRASS, BRONZE, ALUMINUM AND IRON



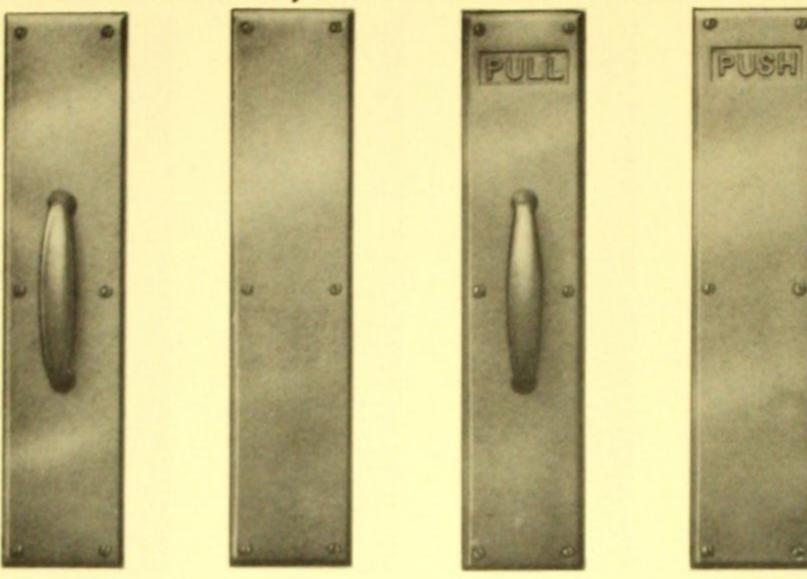
	PUSH PLATES	- PLAIN			
NO.	SIZE	WGHT - Bronze	WGHT - Alum.	PACK	
312WB	3" x 12"	1.75 lbs.	.60 lbs.	2	
315WB	3" x 15"	2.00 lbs.	.70 lbs.	2	
316WB	$3\frac{1}{2}$ " x 16"	3.00 lbs.	1.00 lbs.	2	
416WB	4" x 16"	3.25 lbs.	1.08 lbs.	2	
420WB	4" x 20"	3.50 lbs.	1.17 lbs.	2	
	PUSH PLATES	MARKED "PUSH"			
$312\frac{1}{2}WB$	3" x 12"	1.75 lbs.	.60 lbs.	2	
$315\frac{1}{2}WB$	3" x 15"	2.00 lbs.	.70 lbs.	2	
$316\frac{1}{2}WB$	$3\frac{1}{2}$ " x 16"	3.00 lbs.	1.10 lbs.	2	
$416\frac{1}{2}$ WB	4" x 16"	3.25 lbs.	1.08 lbs.	2	
$420\frac{1}{2}WB$	4" x 20"	3.50 lbs.	1.17 lbs.	2	
-	DOOR PULLS -	PLAIN WITH NO. 11	GRIPS		
1312WB	3" x 12"	2.41 lbs.	.80 lbs.	1	
1315WB	3" x 15"	2.66 lbs.	.87 lbs.	1	
1316WB	$3\frac{1}{2}$ " x 16"	3.66 lbs.	1.22 lbs.	1	
1416WB	4" x 16"	3.91 lbs.	1.30 lbs.	1	
1420WB	4" x 20"	4.16 lbs.	1.40 lbs.	1	
	DOOR PULLS MARKED "PULL" WITH NO. 11 GRIPS				
$1312\frac{1}{2}WB$	3" x 12"	2.41 lbs.	.80 lbs.	1	
$1315\frac{1}{2}WB$	3" x 15"	2.66 lbs.	.87 lbs.	1	
$1316\frac{1}{2}WB$	3½" x 16"	3.66 lbs.	1.22 lbs.	1	
1416½WB	4" x 16"	3.91 lbs.	1.30 lbs.	1	
$1420\frac{1}{2}WB$	4" x 20"	4.16 lbs.	1.40 lbs.	1	
	SPECIFY FINIS	H REQUIRED			

ALL OF THE ABOVE ARE MADE TO TEMPLATE



DOOR PULLS AND PUSH PLATES

GB DESIGN - NARROW BEVEL CAST BRASS, BRONZE AND ALUMINUM



	PUSH PLATES	- PLAIN		
NO.	SIZE	WGHT - Bronze	WGHT - Alum.	PACK
312GB	3" x 12"	1.75 lbs.	.60 lbs.	2
314GB	$3\frac{1}{2}$ " x 14"	2.50 lbs.	.84 lbs.	2
315GB	$3\frac{1}{2}$ " x 15"	2.65 lbs.	.88 lbs.	2
316GB	$3\frac{1}{2}$ " x 16"	3.00 lbs.	1.00 lbs.	2
	PUSH PLATES	MARKED "PUSH"		
$312\frac{1}{2}GB$	3" x 12"	2.75 lbs.	.60 lbs.	2
$314\frac{1}{2}GB$	$3\frac{1}{2}$ " x 14"	2.50 lbs.	.84 lbs.	2
$315\frac{1}{2}GB$	$3\frac{1}{2}$ " x 15"	2.65 lbs.	.88 lbs.	2
$316\frac{1}{2}GB$	$3\frac{1}{2}$ " x 16"	3.00 lbs.	1.00 lbs.	2
	DOOR PULLS -	PLAIN WITH NO. 11	GRIPS	
1312GB	3" x 12"	2.41 lbs.		1
1314GB	$3\frac{1}{2}$ " x 14"	3.16 lbs.	1.05 lbs.	1
1315GB	$3\frac{1}{2}$ " x 15"	3.31 lbs.	1.10 lbs.	1
1316GB	$3\frac{1}{2}$ " x 16"	3.66 lbs.	1.22 lbs.	1
	DOOR PULLS N	MARKED "PULL" WIT	H NO. 11 GRIPS	
1312½GB	3" x 12"	2.41 lbs.	.80 lbs.	1
1314½GB	$3\frac{1}{2}$ " x 14"	3.16 lbs.	1.05 lbs.	1
1315½GB	$3\frac{1}{2}$ " x 15"	3.31 lbs.	1.10 lbs.	1
$1316\frac{1}{2}GB$	$3\frac{1}{2}$ " x 16"	3.66 lbs.	1.22 lbs.	1

SPECIFY FINISH REQUIRED

ALLOF THE ABOVE ARE MADE TO TEMPLATE

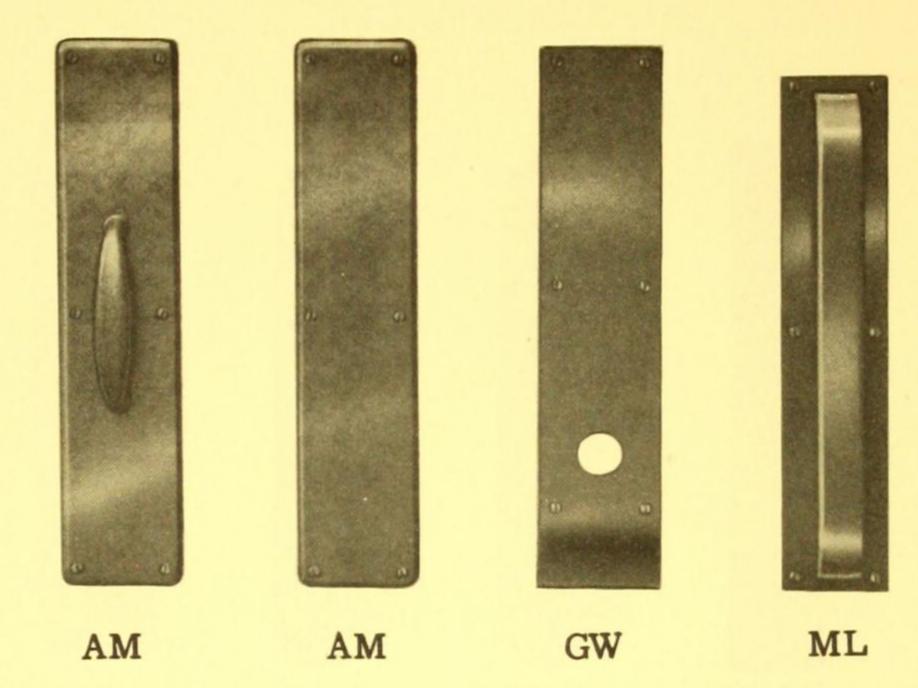


316GW

STANDARD OF QUALITY

DOOR PULLS AND PUSH PLATES

CAST BRASS, BRONZE AND ALUMINUM



AM DESIGN - BEVELED EDGE - ROUND CORNER

PUSH PLATES

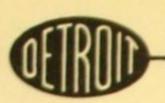
WEIGHT

	WEIGHT				
NO.	SIZE	Bronze	Aluminum	PACK	
312AM					
314AM	$3\frac{1}{2}$ " x 14"	2.69 lbs.	.90 lbs.	2	
315AM	$3\frac{1}{2}$ " x 15"	2.70 lbs.	.93 lbs.	2	
316AM	_	2.73 lbs.			
	DOOR PUL	LS WITH GRIPS	S NO. 11		
1312AM	3" x 12"	3.41 lbs.	1.14 lbs.	1	
1314AM	$3\frac{1}{2}$ " x 14"	3.47 lbs.	1.16 lbs.	1	
1315AM	$3\frac{1}{2}$ " x 15"	3.47 lbs.	1.19 lbs.	1	
1316AM	$3\frac{1}{2}$ " x 16"	3.55 lbs.	1.21 lbs.	1	
	DOOR PUL	LS WITH GRIPS	S NO. 722		
3315ML	3" x 15"	5.16 lbs.	1.72 lbs.	1	
	GRIP NO. 722	- 3/8" x 1 1/4"	- 8" Center to	Center	
	ENGRAVED "P	ULL" UPON OR	DER		

GW DESIGN PUSH PLATES - WITH PULL $3\frac{1}{2}$ " x 16" 3.00 lbs. 1.00 lb.

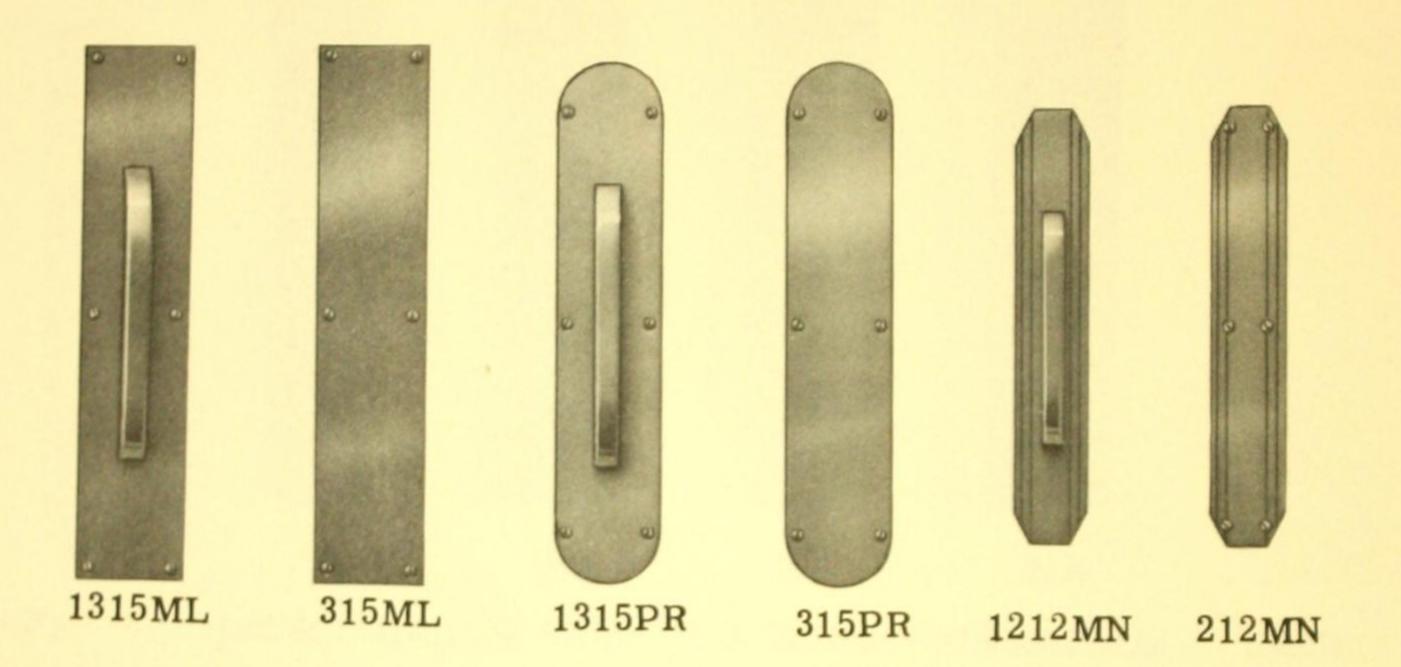
SPECIFY FINISH

ALL THE ABOVE ARE MADE TO TEMPLATE



DOOR PULLS AND PUSH PLATES

CAST AND WROUGHT BRASS, BRONZE, ALUMINUM AND STAINLESS STEEL



DOOR PULLS

NO. 1315ML 1315PR * 1312MN	SIZE 3" x 15" 3" x 15" 2" x 12½"	METAL Wrought Wrought Cast	WEIGHT Bronze 4.05 lbs. 3.75 lbs. 2.46 lbs.	Aluminum 1.35 lbs. 1.25 lbs82 lbs.	PACKED 1 1 1
315ML 315PR 312MN	3" x 15" 3" x 15" 2" x 12½"	PUSH I Wrought Wrought Cast	PLATES 2.19 lbs. 2.07 lbs. 1.32 lbs.	.73 lbs. .69 lbs. .44 lbs.	2 2 2

^{*} FURNISHED WITH NO. 74 GRIPS

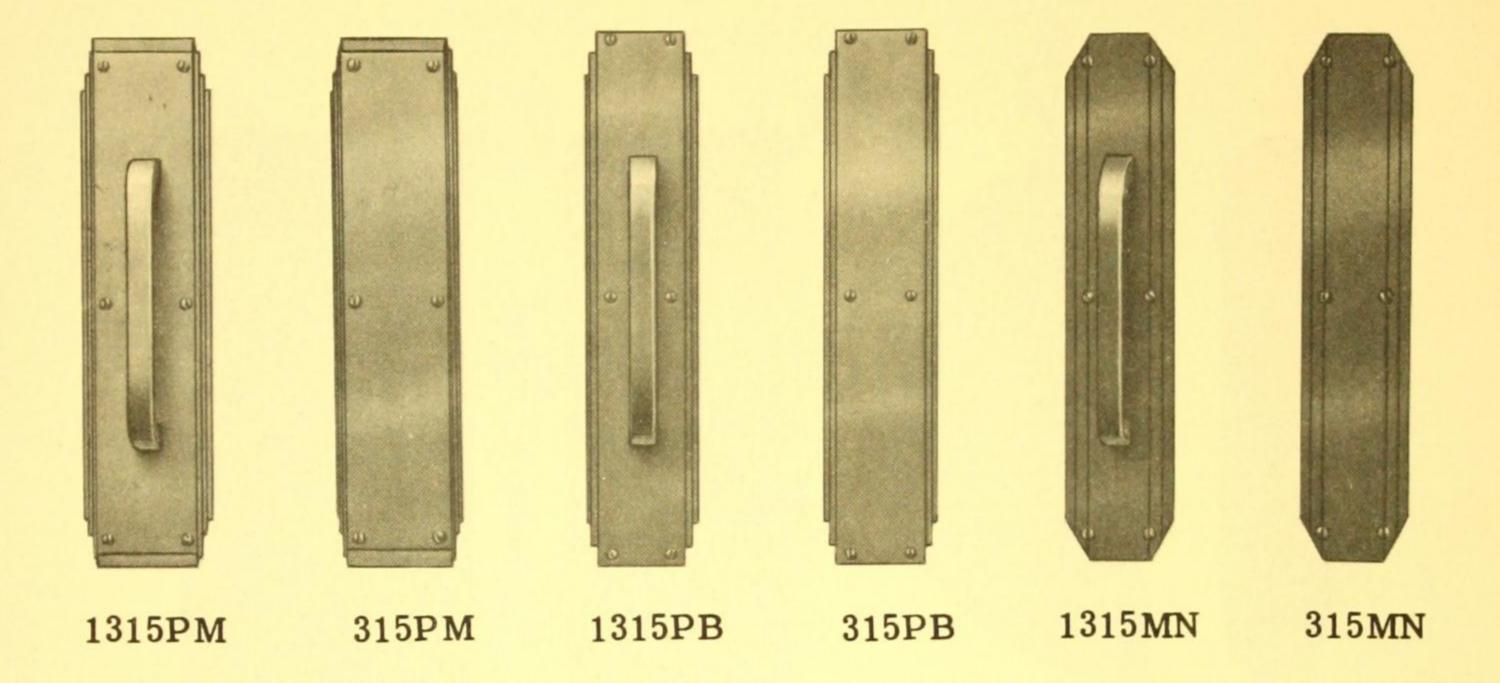
ALL OTHER NUMBERS ARE FURNISHED WITH NO. 75 SOLID BAR STOCK GRIPS 3/4" SQUARE - 7 3/8" C - C

ALL THE ABOVE ARE MADE TO TEMPLATE
SPECIFY FINISH AND THICKNESS OF DOORS



DOOR PULLS AND PUSH PLATES

CAST BRASS, BRONZE AND ALUMINUM



DOOR PULLS

NO. 1315PM 1315PB 1315MN	SIZE 3" x 15" 3" x 15" 3" x 15"	WEIGHT Bronze 4.68 lbs. 4.50 lbs. 3.57 lbs.	Aluminum 1.56 lbs. 1.50 lbs. 1.19 lbs.	PACKED 1 1 1
		PUSH PLATES		
315PM 315PB 315MN	3" x 15" 3" x 15" 3" x 15"	2.07 lbs. 3.00 lbs. 1.71 lbs.	.69 lbs. 1.00 lbs. .57 lbs.	2 2 2

THE ABOVE DOOR PULLS ARE FURNISHED WITH NO. 75 SOLID BAR STOCK GRIPS 3/4" SQUARE - 7 3/8" C - C

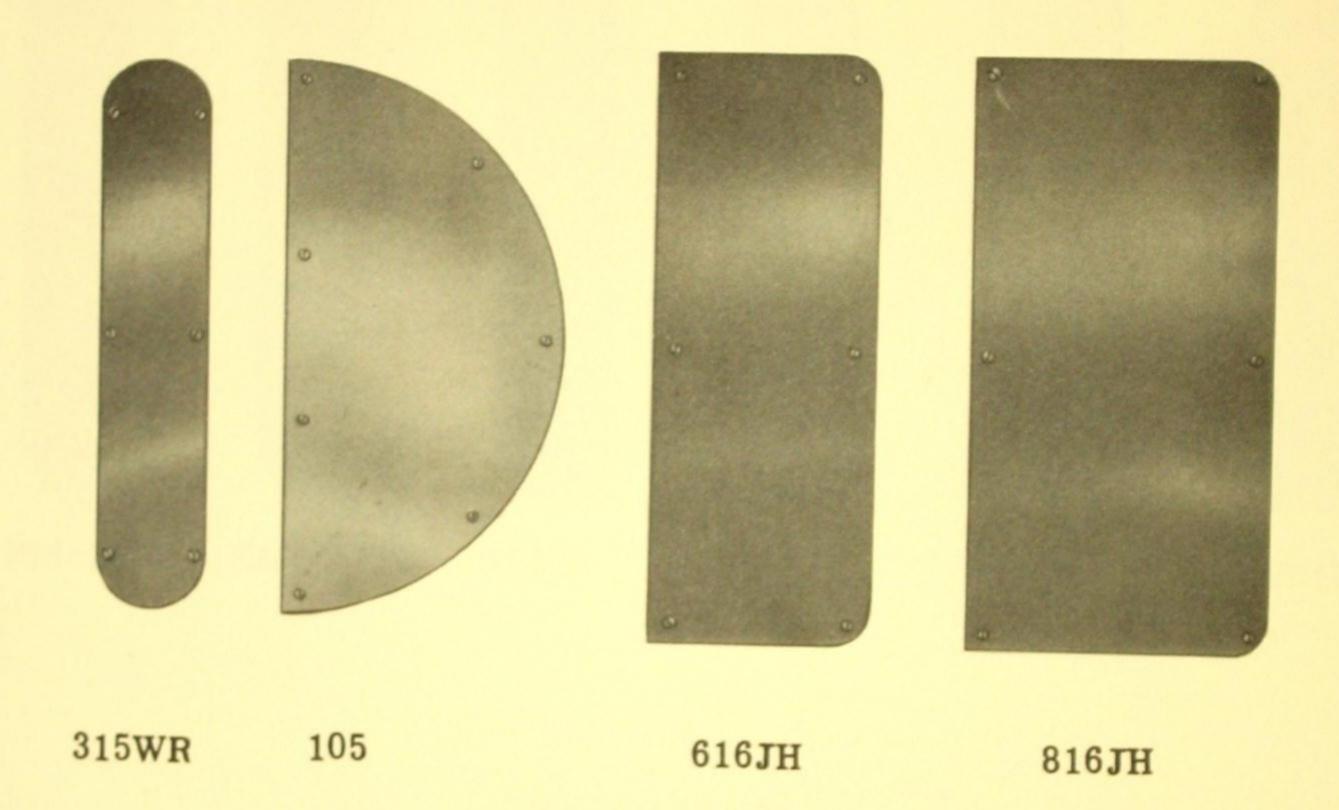
ALL THE ABOVE MADE TO TEMPLATE

SPECIFY FINISH AND THICKNESS OF DOORS



PUSH PLATES

BRASS, BRONZE, ALUMINUM AND STAINLESS STEEL



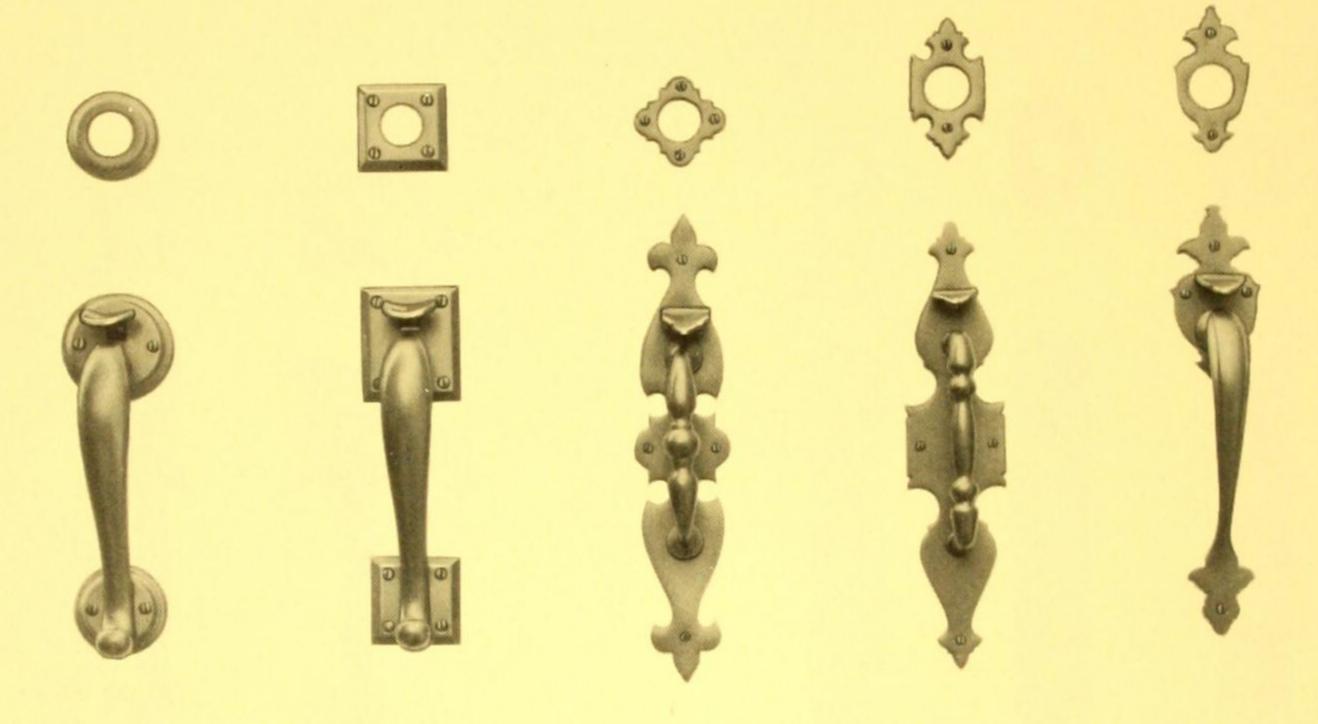
NO.	CICE		WEIG	HT	
315WR 105	SIZE 3" x 15" 6" x 12" 7½" x 15"	.051 .051 .051	Brass .60 lbs. 1.32 lbs. 1.44 lbs.	.44 lbs.	PACKED 6 2 2
616JH 816JH	8" x 16" 10" x 20" 12" x 24" 6" x 16" 8" x 16"	.051 .051 .051 3/16" 3/16"	1.63 lbs. 3.06 lbs. 1.52 lbs. 5.07 lbs. 6.93 lbs.	1.02 lbs. .51 lbs. 1.69 lbs.	2 2 2 2 2

SPECIFY FINISH REQUIRED



FRONT DOOR HANDLE SETS

CAST BRASS, BRONZE AND ALUMINUM



800 x 100CM 800 x 100WB 800 x 100WS 800 x 100EL 800 x 100RU

	SIZE OF	SIZE OF		WEIGHT	
NO.	HANDLE	CYL. ROSE	C-C	Bronze	PACKED
800 x 100CM	$3'' \times 9\frac{3}{4}''$	2 7/8"	6 1/2"	2.00 lbs.	2
800 x 100WB	$2\frac{5}{8}$ " x $9\frac{5}{8}$ "	2 3/8"	6 1/2"	2.44 lbs.	2
800 x 100WS	$2\frac{1}{2}$ " x $12\frac{1}{2}$ "	2 3/8"	4 7/8"	2.00 lbs.	2
800 x 100EL	$2\frac{5}{8}$ " x $12\frac{1}{4}$ "	, ,	5 3/8"	1.88 lbs.	2
800 x 100RU	$2\frac{3}{8}$ " x $11\frac{1}{2}$ "	2" x 4"	7 1/2"	1.38 lbs.	2

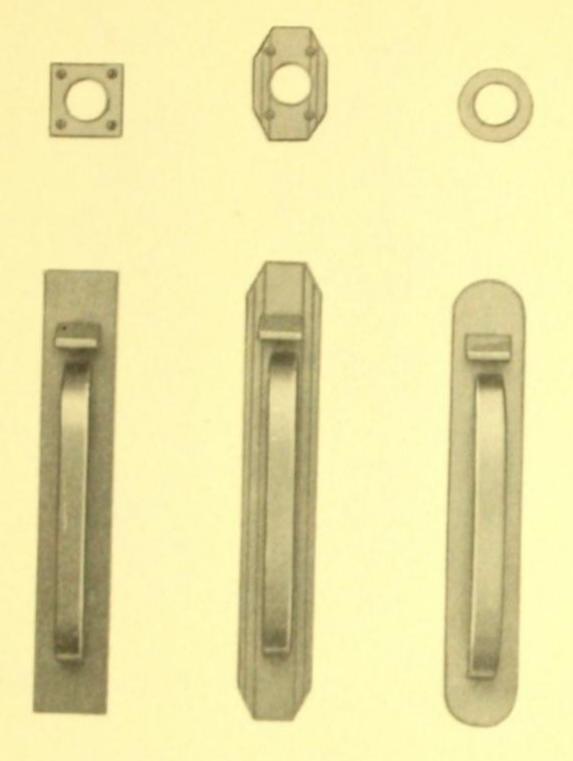
FRONT DOOR HANDLES ARE PRICED EACH
WHEN REQUIRED IN PAIRS, PLEASE SO SPECIFY

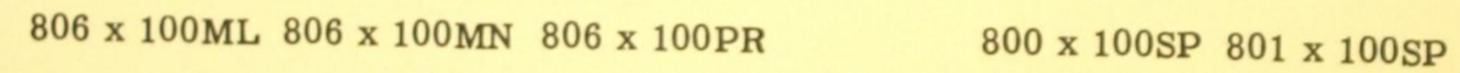
SPECIFY FINISH AND THICKNESS OF DOORS

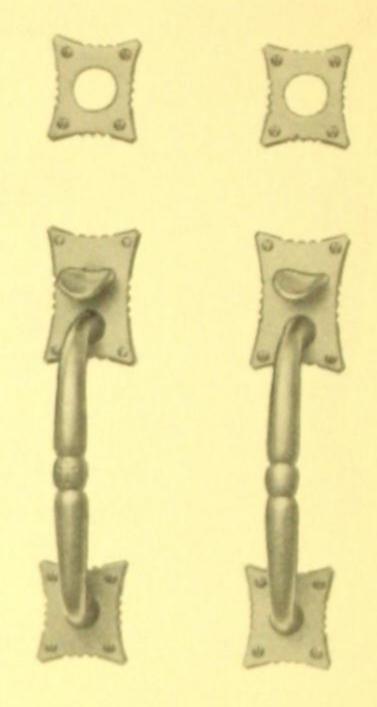


FRONT DOOR HANDLES

CAST BRASS, BRONZE, ALUMINUM AND STAINLESS STEEL







HANDL	SIZE OF C-C CYL. ROSE	PACKED
806 x 100ML 2" x 12 806 x 100MN 2" x 12 806 x 100PR 2" x 12	$\frac{7\frac{1}{4}}{8}$ 2" x 3" $7\frac{1}{4}$ " $7\frac{1}{4}$ "	-
800 x 100PR 800 x 100PR 2" x 12 2½" x 12 801 x 100SP 2½" x 12 2½" x 12	$1\frac{3}{4}$ " $2\frac{1}{4}$ " $\times 2\frac{3}{4}$ " $8\frac{1}{4}$ "	_

FRONT DOOR HANDLES ARE PRICED EACH - WHEN REQUIRED IN PAIRS PLEASE SO SPECIFY.

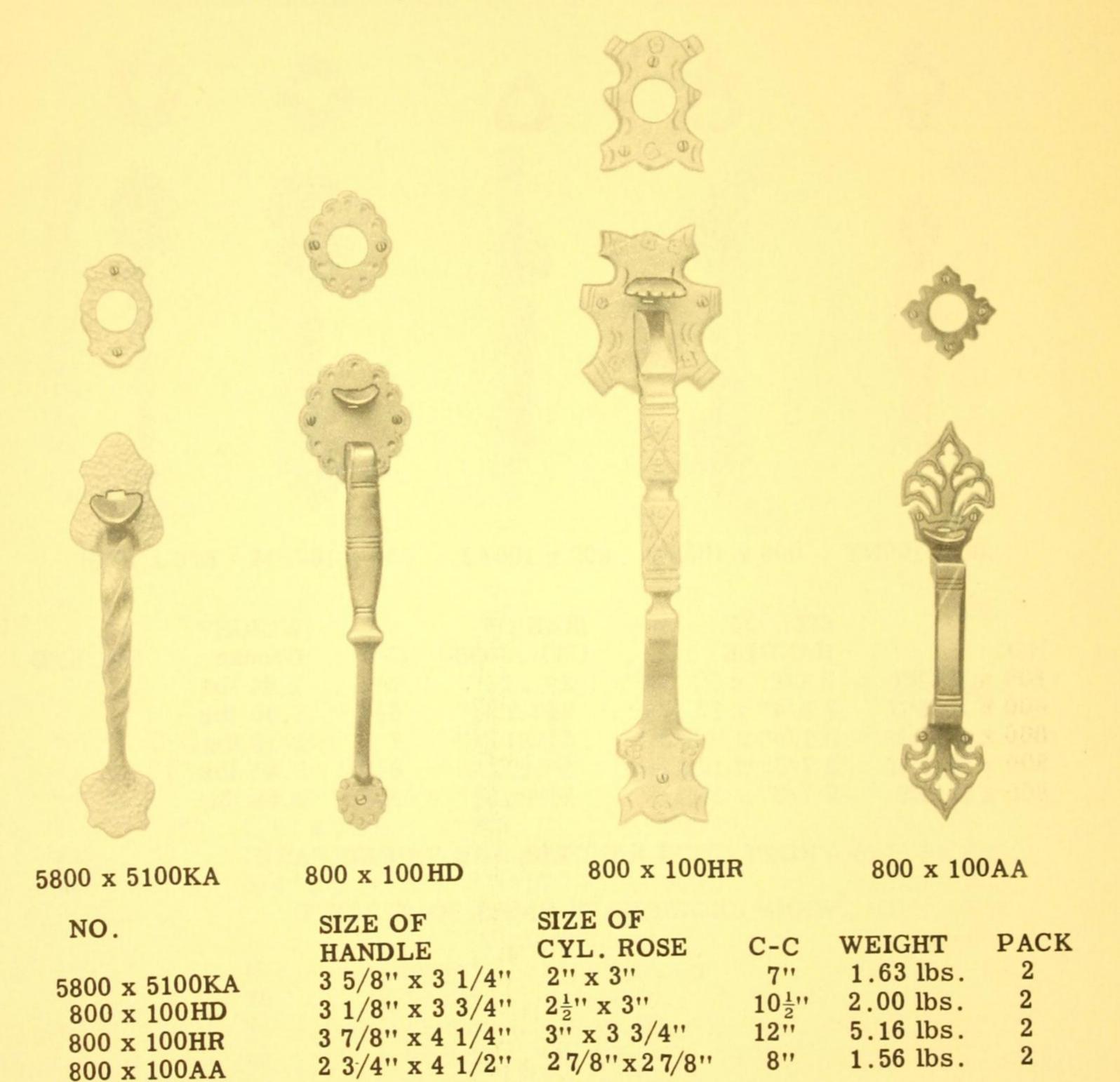
3.8/		
ww	P- 1	 -

NO	" LICITI			
NO.	Brass	Aluminum		
806 x 100ML	3.28 lbs.			
		1.09 lbs.		
806 x 100MN	3.75 lbs.	1.25 lbs.		
806 x 100PR	3.39 lbs.			
	5.39 IDS.	1.13 lbs.		
800 x 100SP	2.56 lbs.	.85 lbs.		
801 x 100SP		.oo ibs.		
001 X 1005P	2.56 lbs.	85 lbs		



FRONT DOOR HANDLES

CAST BRASS, BRONZE AND WHITE BRONZE



FRONT DOOR HANDLES ARE PRICED EACH WHEN REQUIRED IN PAIRS, PLEASE SO SPECIFY

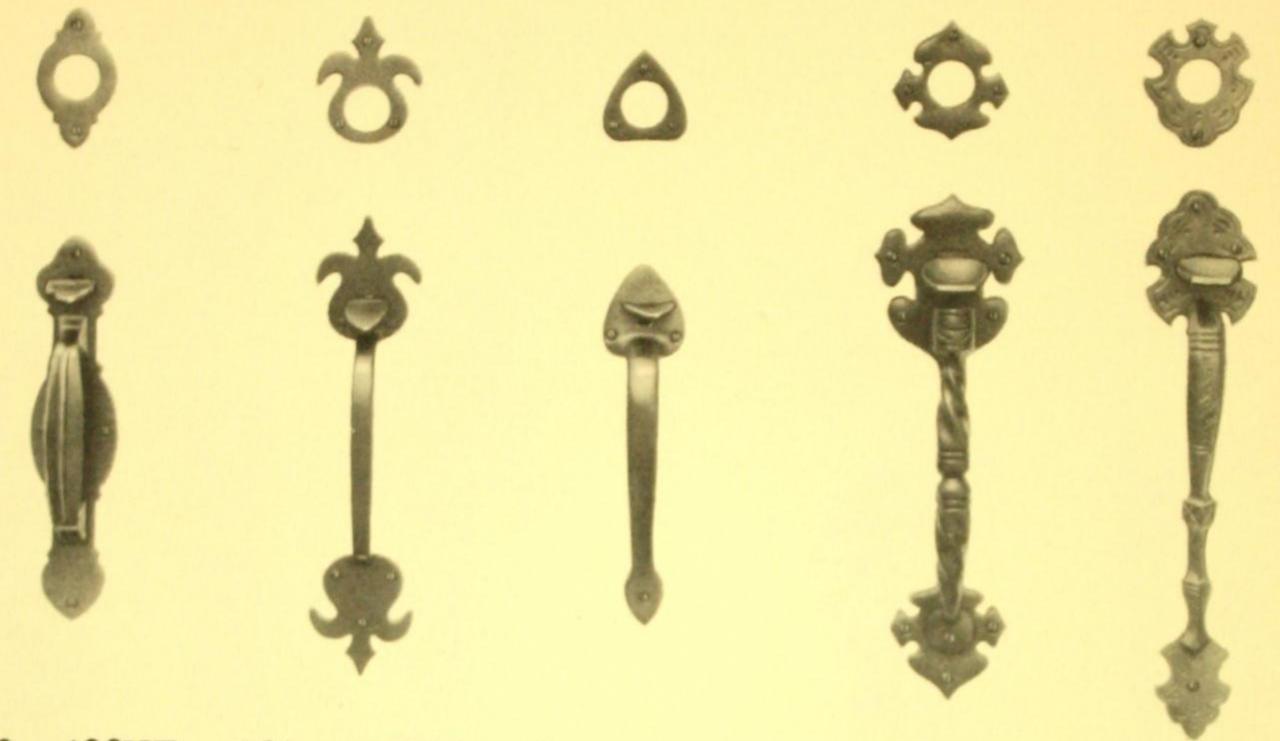
800 x 100AA



STANDARD OF QUALITY

FRONT DOOR HANDLE SETS

CAST BRASS, BRONZE AND ALUMINUM



800 x 100NT 800 x 100PU 800 x 100AJ 800 x 100HM 800 x 100HS

NO. 800 x 100NT 800 x 100PU 800 x 100AJ 800 x 100HM	SIZE OF HANDLE 2 1/4" x 10 1/4" 2 3/4" x 12 1/4" 2 1/8" x 9 5/8" 3 7/8" x 12 1/4"	SIZE OF CYL. ROSE 2" x 3\frac{3}{4}" 2\frac{3}{4}" x 3\frac{3}{8}" 2\frac{1}{8}" x 2\frac{3}{8}" 3" x 3\frac{1}{8}"	C-C 5" 6 ¹ / ₄ " 7" 8 ¹ / ₄ "	WEIGHT Bronze 1.44 lbs. 1.00 lbs. 1.19 lbs. 2.44 lbs.	PACKED 2 2 2 2
800 x 100HS	2 7/8" x 14 1/2"	$2\frac{3}{4}$ " x $3\frac{1}{4}$ "	10"	1.69 lbs	2

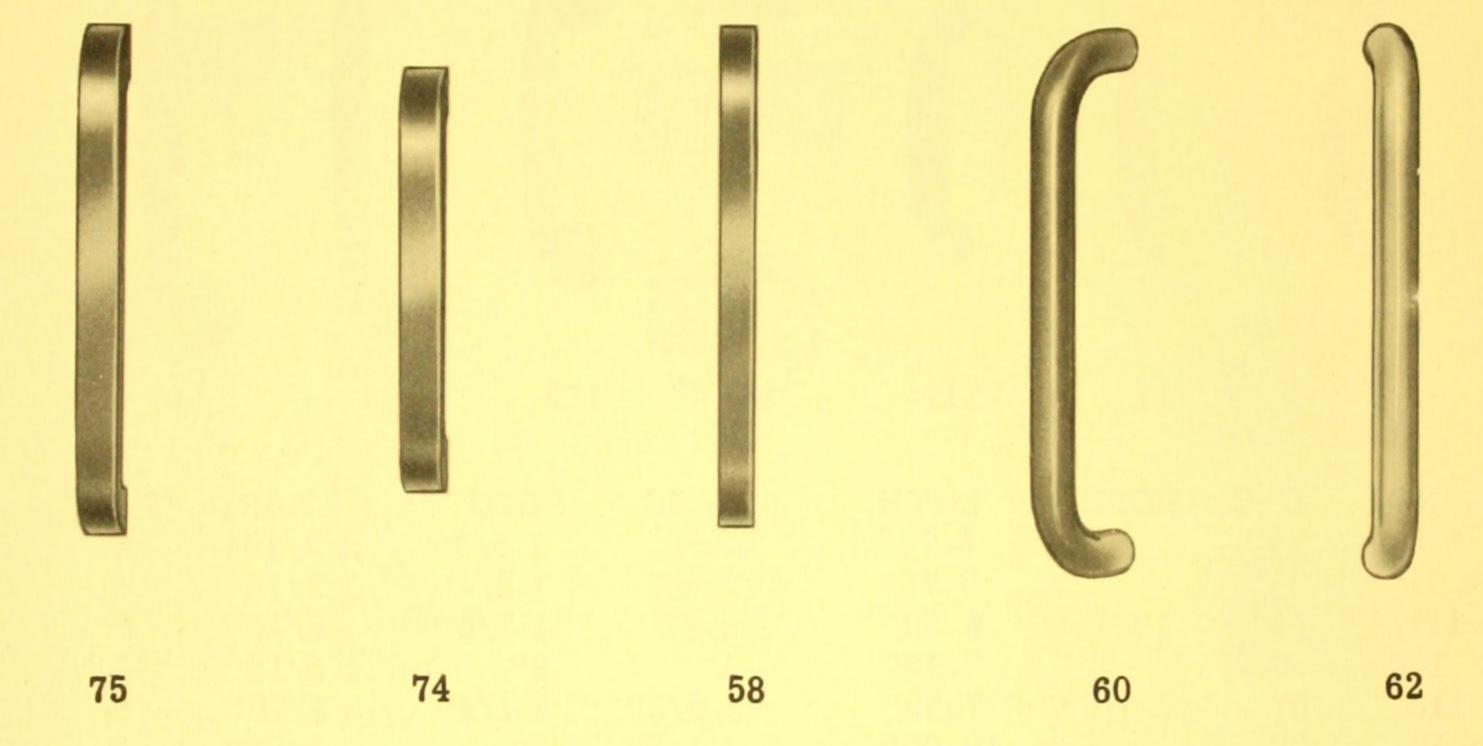
FRONT DOOR HANDLES ARE PRICED EACH

WHEN REQUIRED IN PAIRS SO SPECIFY



DOOR PULLS AND GRIPS

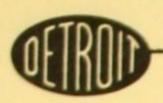
BRASS, BRONZE, ALUMINUM AND STAINLESS STEEL



NO.	C-C	SIZE	PROJ.	CLEAR.	OFFSET	PACKED
75	7111	11/16" x 8"	2 3/16"	1 7/16"	-	2
74	6"	11/16" x 6 3/4"	2 3/16"	1 1/2"	-	2
58	7111	5/8" x 7 7/8"	2"	1 3/8"	- 3100	2
60	8"	3/4" x 8 3/4"	2 5/16"	1 1/2"	1 3/4"	2
62	8"	3/4" x 8 3/4"	2 3/16"	1 3/8"	-	2

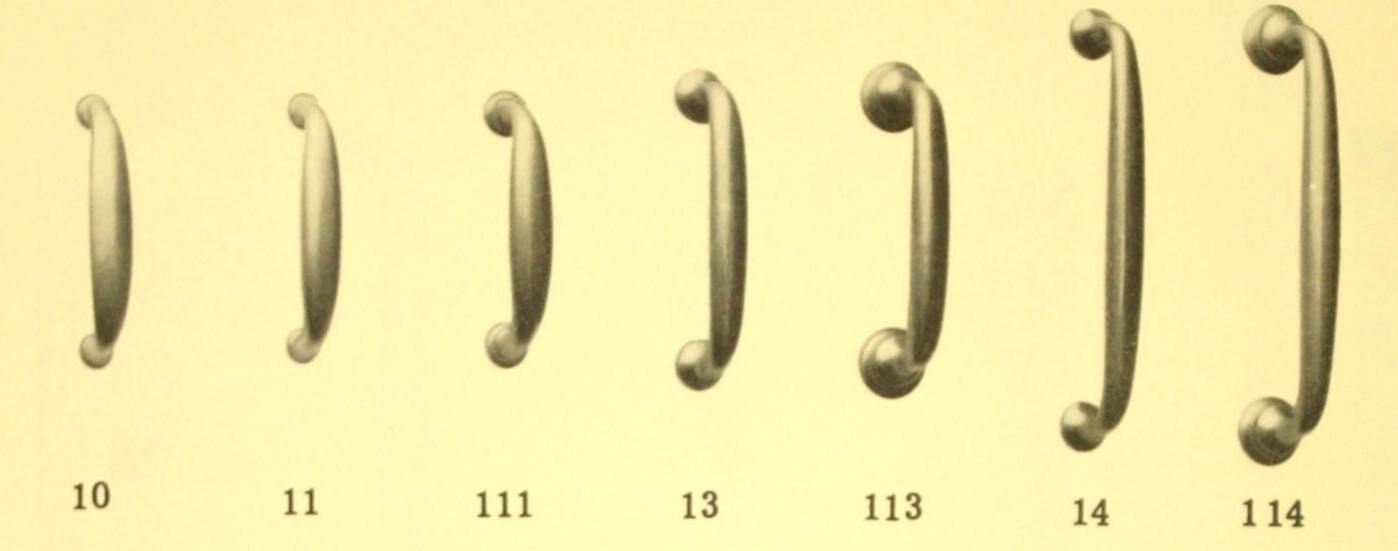
WEIGHT

NO.	Bronze	Aluminum
75	1.50 lbs.	.50 lbs.
74	1.41 lbs.	.47 lbs.
58	1.02 lbs.	.34 lbs.
60	1.50 lbs.	.50 lbs.
62	1.22 lbs.	.41 lbs.



DOOR PULLS AND GRIPS

BRASS, BRONZE, ALUMINUM AND CAST IRON



NO. *10 11	C-C 5\frac{1}{8}'' 5\frac{1}{2}''	ROSE	LGTH. 5.75" 5.75"	BASE 3/4"	PROJ. 1 5/8"	CLEAR. 1 3/16"	PACK 6
111	$5\frac{1}{8}$ " $5\frac{1}{8}$ " 6"	1''	6.00'' 7.13''	3/4'' 3/4'' 1''	1 3/4" 1 7/8" 2"	1 3/16" 1 9/16" 1 5/16"	6 6
113 14	6'' 9''	1 5/8"	7.50"	1 5/8" 1 1/8"	2 1/4"	1 9/16" 1 5/16"	6 2
114	9"	1 5/8"	10.50"	1 5/8"	2 1/4"	1 9/16"	2

* NO. 10 GRIPS ARE NOT FURNISHED WITH THROUGH BOLTS. ALL OTHER NUMBERS ARE FURNISHED WITH THROUGH BOLTS.

WEIGHT

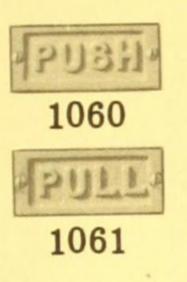
		** *
NO.	Bronze	Aluminum
10	.465 lbs.	.156 lbs.
11	.657 lbs.	.219 lbs.
111	.939 lbs.	.313 lbs.
13	1.00 lbs.	.334 lbs.
113	1.13 lbs.	.38 lbs.
14	1.32 lbs.	.44 lbs.
114	1.57 lbs.	.53 lbs.
		. do ms.

SPECIFY FINISH REQUIRED

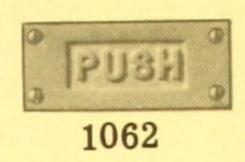


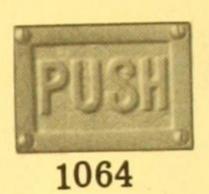
NAME PLATES

CAST BRASS, BRONZE AND ALUMINUM

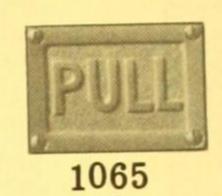


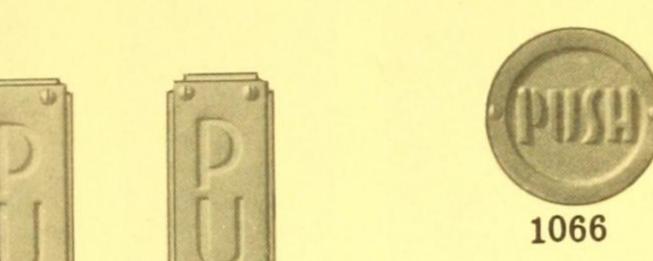
1068



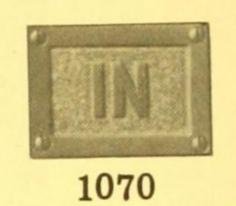


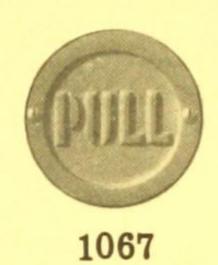
1063

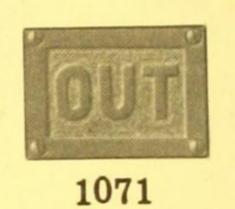




1069





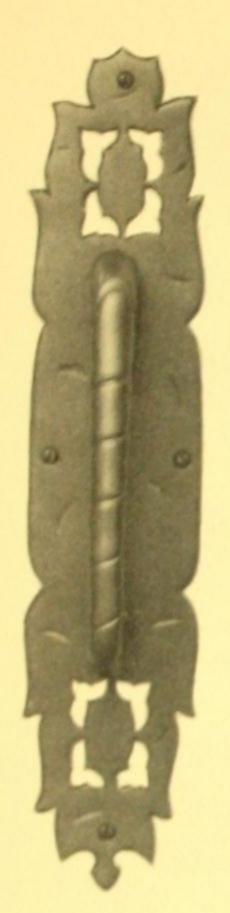


NO. SIZE	PACK	WGHT. Bronze	WGHT. Alum.
1060 1" x 2 1/4"	12	.096 lbs.	.032 lbs.
1061 1" x 2 1/4"	12	.096 lbs.	.032 lbs.
1062 1 1/2" x 3 1/2"	12	.189 lbs.	.063 lbs.
1063 1 1/2" x 3 1/2"	12	.189 lbs.	.063 lbs.
1064 2 1/8" x 2 7/8"	12	.207 lbs.	.069 lbs.
1065 2 1/8" x 2 7/8"	12	.207 lbs.	.069 lbs.
1066 3"	6	.282 lbs.	.094 lbs.
1067 3"	6	.282 lbs.	.094 lbs.
1068 1 3/4" x 6 3/4"	6	.390 lbs.	.13 lbs.
1069 1 3/4" x 6 3/4"	6	.390 lbs.	.13 lbs.
1070 2 1/8" x 2 7/8"	6	.207 lbs.	.19 lbs.
1071 2 1/8" x 2 7/8"	6	.207 lbs.	.19 lbs.

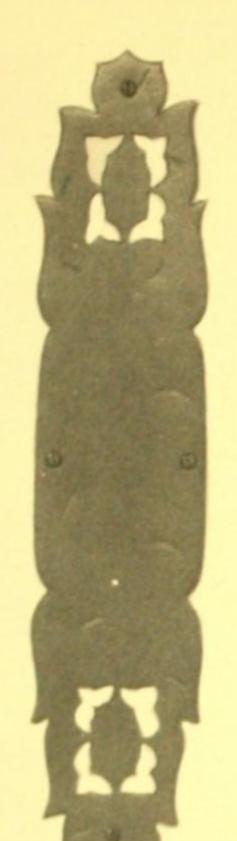
THE ABOVE PLATES ARE FURNISHED WITH A BLACK BACKGROUND RED OR GREEN ENAMEL MAY BE HAD AT AN ADVANCE IN PRICE SPECIFY FINISH REQUIRED



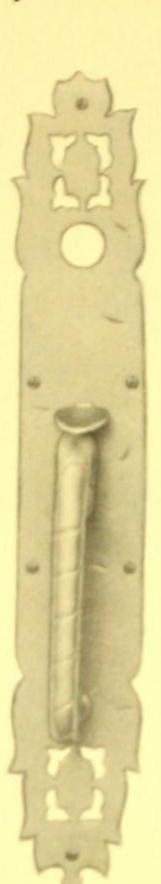
GOTHIC DOOR TRIM CAST BRASS, BRONZE AND WHITE BRONZE



1416SA 1422SA



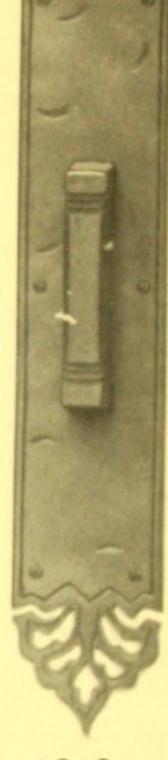
416SA 422SA



2422SA



2318AA



1313AA 1318AA



313AA 318AA

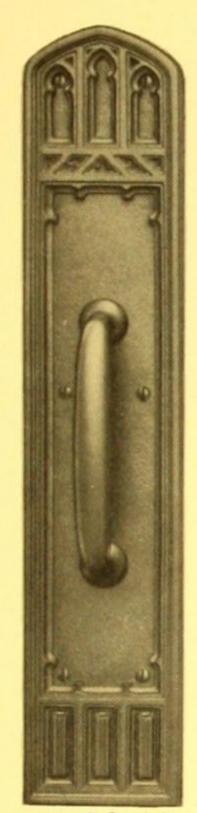
PUSH PLATE	S	
NO.	SIZE	WEIGHT
313AA	3" x 13"	.91 lbs.
318AA	3" x 18"	2.00 lbs.
416SA	4" x 16"	2.56 lbs.
422SA	4" x 22"	3.19 lbs.
DOOR PULLS		
1313AA	3" x 13"	1.94 lbs.
1318AA	3" x 18"	3.00 lbs.
1416SA	4" x 16"	4.66 lbs.
1422SA	4" x 22"	5.19 lbs.
STORE DOOR	HANDLES	
2318AA	3" x 18"	3.31 lbs.
2422SA	4" x 22"	5.38 lbs.

SPECIFY SPACING REQUIRED

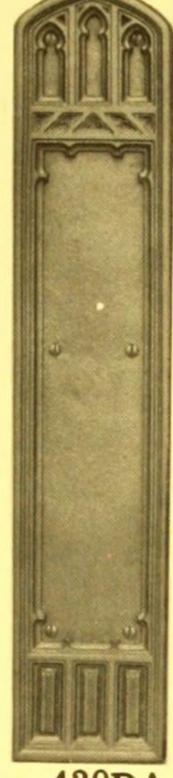


GOTHIC DOOR TRIM

CAST BRASS AND BRONZE



1420DA



420DA

225DA









225 x 40DA 225 x 30DA 225 x 900DA 50DA 316DA

1.75 lbs. Pr.

_		_			_
	00	P	D	TT	T
J	VV	T		UL	

NO	SIZE	WEIGHT
1420DA	$3\frac{3}{4}$ " x $19\frac{1}{4}$ "	5.13 lbs. Each

STORE DOOR HANDLE

2420DA	$3\frac{3}{4}$ " x $19\frac{1}{4}$ "	5.38 lbs	. Each
	Specify Spacing	Required	

PUSH PLATE

420DA	$3\frac{3}{4}$ " x $19\frac{1}{4}$ "	4.94 lbs. Each

KNOBS $2\frac{1}{4}$ "

	ROSE	
900DA	2311	13 lbs Pr

ESCUTCHEONS

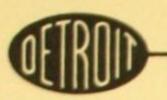
40DA	$27/8" \times 9\frac{3}{4}"$	1.32 lbs. Each
30DA	$2 5/8'' \times 8\frac{1}{4}''$	1.63 lbs. Each

KEY PLATE

50DA 1" x 2" .093	lbs.	Each
-------------------	------	------

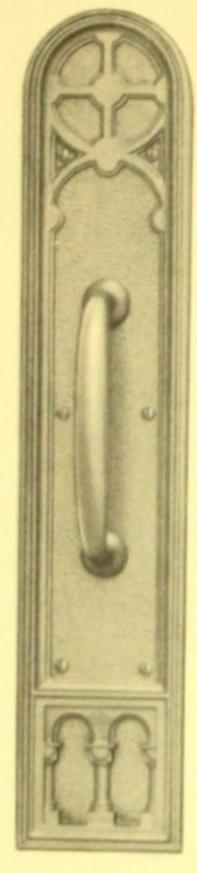
THUMB TURN

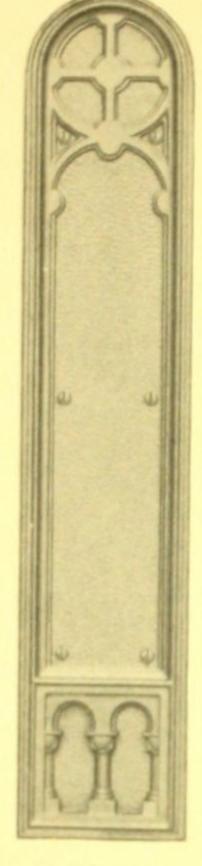
316DA 1" x 2" 130 lbs. Each

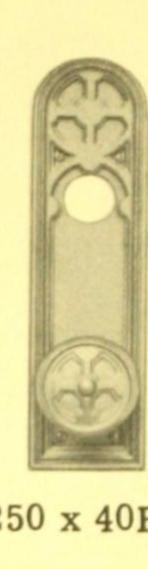


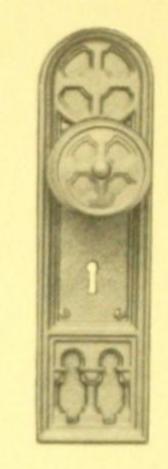
GOTHIC DOOR TRIM - EARLY ROMAN

CAST BRASS AND BRONZE











250 x 40RA 250 x 30RA 250 x 900RA

1420RA

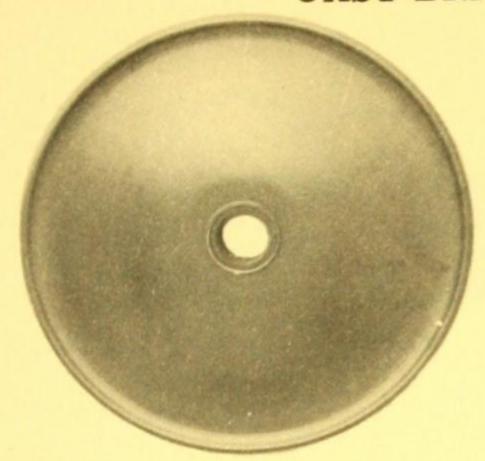
420RA

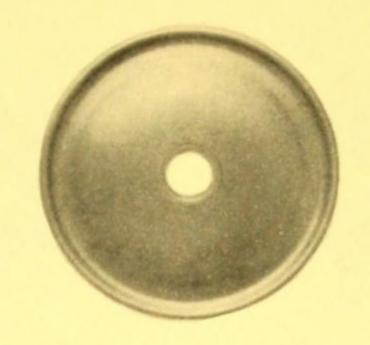
	DOOR PULL	
NO.	SIZE	WEIGHT
1420RA	4" x 20"	6.63 lbs. Each
2420RA	STORE DOOR HAND 4½" x 20" Specify Spacing Req	6.88 lbs. Each
420RA	PUSH PLATE 4" x 20"	4.75 lbs. Each
	KNOBS	
250RA	$2\frac{1}{2}$ "	2.38 lbs. Pr.
900RA	ROSES $2\frac{1}{2}$ "	.198 lbs. Pr.
40RA 30RA	ESCUTCHEONS 2 3/4" x 9 7/8" 2 5/8" x 9 1/4"	2.00 lbs. Each 1.63 lbs. Each

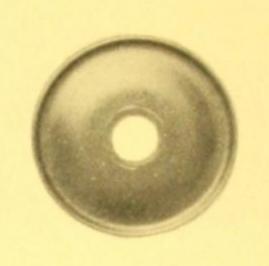


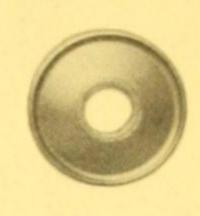
CONCEALED SCREW ROSES

CAST BRASS, BRONZE AND ALUMINUM









914CE

908CE

906CE

904CE

NO. SIZE WEIGHT - Bronze
914CE 6" 1.25 lbs.
908CE 4" .57 lbs.
906CE 3" .21 lbs.
904CE 2 1/4" .14 lbs.















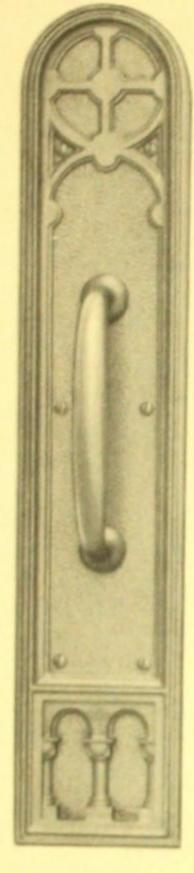
WEIGHT - Bronze SIZE NO. .10 lbs. 2" 902CE .10 lbs. 1 3/4" 900CE 2 1/4" .10 lbs. * 1904PC .13 lbs. 2 1/4" * 1904CE 2 1/4" .16 lbs. 904PC .14 lbs. 2" 902PC .14 lbs. 1 3/4" 900PC

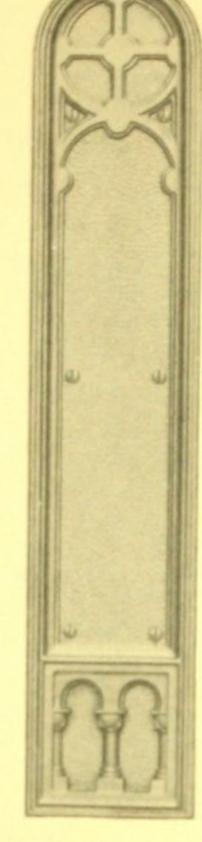
* ROSES NUMBERS 1904 AND 1904CE ARE WROUGHT METAL

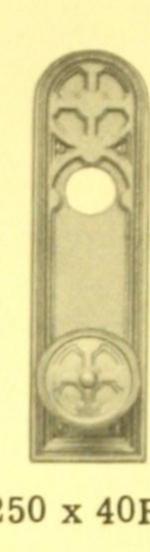


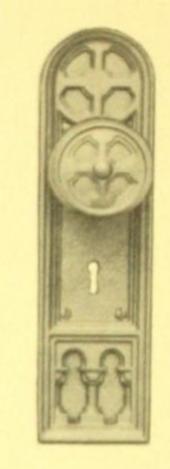
GOTHIC DOOR TRIM - EARLY ROMAN

CAST BRASS AND BRONZE











250 x 40RA 250 x 30RA 250 x 900RA

1420RA

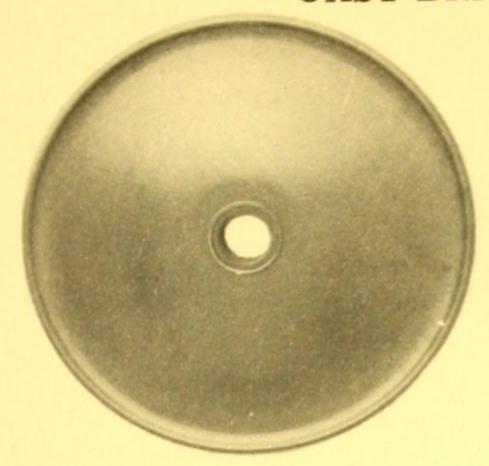
420RA

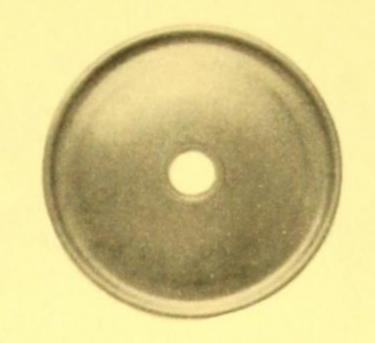
NO. 1420RA	DOOR PULL SIZE 4" x 20"	WEIGHT 6.63 lbs. Each
2420RA	STORE DOOR HAND 4½" x 20" Specify Spacing Req	6.88 lbs. Each
420RA	PUSH PLATE 4" x 20"	4.75 lbs. Each
250RA	KNOBS $2\frac{1}{2}$ "	2.38 lbs. Pr.
900RA	ROSES $2\frac{1}{2}$ "	.198 lbs. Pr.
40RA 30RA	ESCUTCHEONS 2 3/4" x 9 7/8" 2 5/8" x 9 1/4"	2.00 lbs. Each 1.63 lbs. Each

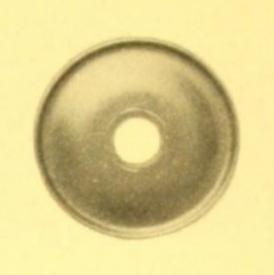


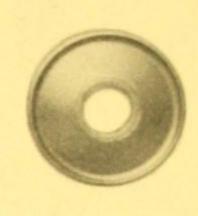
CONCEALED SCREW ROSES

CAST BRASS, BRONZE AND ALUMINUM









914CE

908CE

906CE

904CE

NO. SIZE WEIGHT - Bronze
914CE 6" 1.25 lbs.
908CE 4" .57 lbs.
906CE 3" .21 lbs.
904CE 2 1/4" .14 lbs.















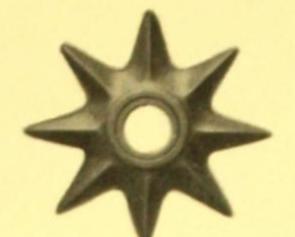
WEIGHT - Bronze SIZE NO. .10 lbs. 2" 902CE .10 lbs. 1 3/4" 900CE 2 1/4" .10 lbs. * 1904PC .13 lbs. 2 1/4" * 1904CE 2 1/4" .16 lbs. 904PC .14 lbs. 2" 902PC .14 lbs. 1 3/4" 900PC

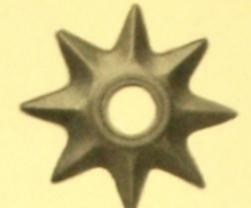
* ROSES NUMBERS 1904 AND 1904CE ARE WROUGHT METAL

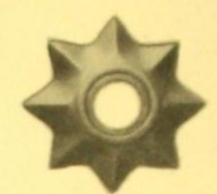


CONCEALED SCREW ROSES CAST BRASS, BRONZE AND ALUMINUM









906JH

904JH

902JH

900JH

NO. 906JH 904JH 902JH 900JH

SIZE $7\frac{1}{4}$ " x $6\frac{3}{4}$ " $3\frac{1}{2}$ " $3\frac{1}{2}$ " $2\frac{1}{2}$ "

WEIGHT - Bronze
.49 lbs.
.24 lbs.
.19 lbs.
.16 lbs.



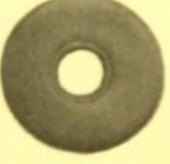
904CS



902CS



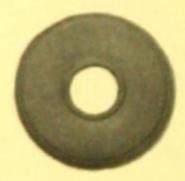
900CS



900MP



900JK



900JF



900MC

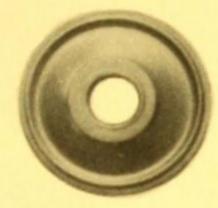
904CS 902CS 900CS 900MP 900JK 900JF 900MC

2¹/₄"
2"
2"
2"
2"
2"

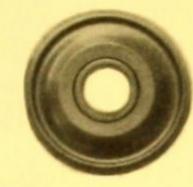
.36 lbs.
.16 lbs.
.16 lbs.
.19 lbs.
.19 lbs.
.19 lbs.
.19 lbs.



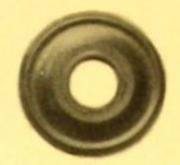
CONCEALED SCREW ROSES CAST BRASS, BRONZE AND ALUMINUM



904GE



904MA



902MA



900MA

NO.
904GE
904MA
902MA
900MA

SIZE 2 1/2" 2 1/4" 2" 1 3/4"

WEIGHT - Bronze .24 lbs. .19 lbs. .23 lbs. .23 lbs.











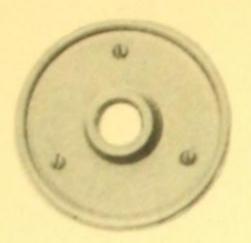
NO.	SIZE
906MA	3"
904SC	2 1/4
900NL	1 7/8
900HH	1 3/4

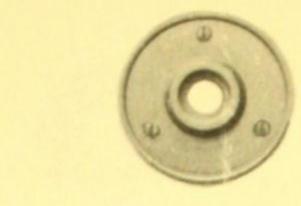
WEIGHT - Bronze .21 lbs. .22 lbs. .16 lbs. .11 lbs.

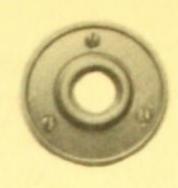


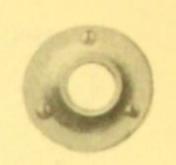
KNOB AND LEVER HANDLE ROSES

CAST BRASS, BRONZE AND ALUMINUM









904HL

NO. 904HL 902HL 900HL * 900PR

902HL SIZE 3!

2 1/2" 1 3/4"

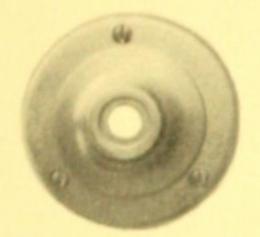
* Wrought Metal

900HL

900PR

WEIGHT - Bronze

LILOI		DIOI
.22	lbs.	
.14	lbs.	
.11	lbs.	
.07	lbs.	



906PR



904PR



900DS



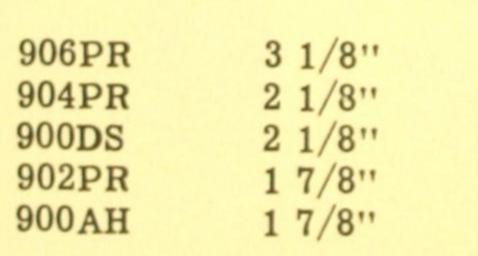
902PR

.36 lbs.

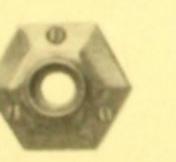
.13 lbs.



900AH



.13 lbs. .13 lbs. .11 lbs.



900AB



900PO



900BC



900FB

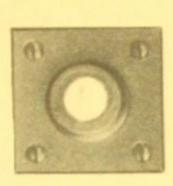
900AB 2 1/16" x 1 3/4" .14 lbs. 900PO 1 1/8" x 2 3/16" .11 lbs. 900BC 1 3/4" .08 lbs. 900FB 1 1/2" x 2 3/4" .10 lbs.

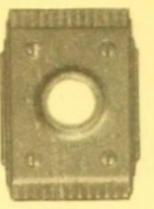
SPECIFY FINISH

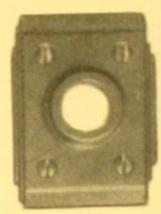


KNOB AND LEVER HANDLE ROSES

CAST BRASS, BRONZE AND ALUMINUM







900SE

902SE

900PN

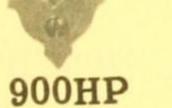
900PM

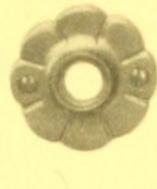
NO. 900SE 902SE 900PN 900PM

SIZE 2" x 2" 1 3/4" x 2 1/2" 1 7/8" x 2 5/8" 1 7/8" x 2 5/8"

WEIGHT - Bronze .25 lbs. .28 lbs. .22 lbs. .25 lbs.

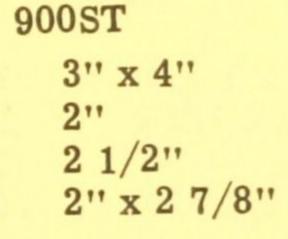


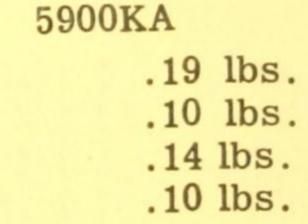




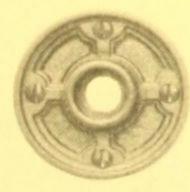
904FD

900HP 900ST 5900KA 904FD

















900RA

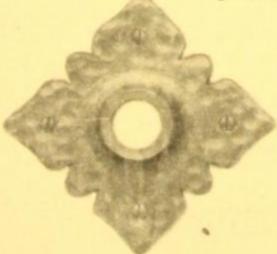
900RA 900DA 900FC 900PT



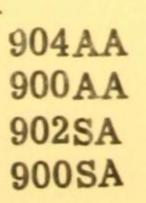
900DA 2 3/8" 2 3/8" 2 7/8" 2 1/4" x 3 1/2"

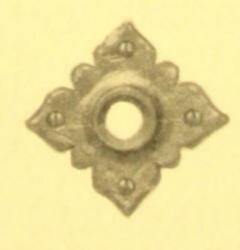
900FC .27 lbs. .19 lbs. .14 lbs. .16 lbs.





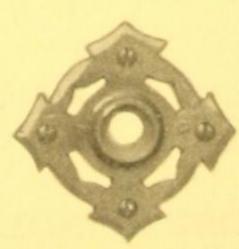
904AA





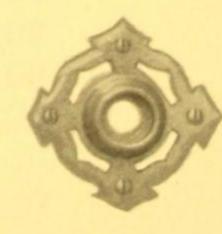
900AA 3 5/8" 2 3/4" 3"

2 3/4"



902SA .24 lbs. .13 lbs. .32 lbs.

.19 lbs.

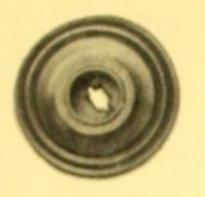


900SA

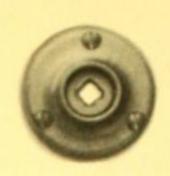


SPRING LEVER HANDLE ROSES

CAST BRASS, BRONZE AND ALUMINUM









905FT

901DS

903PR

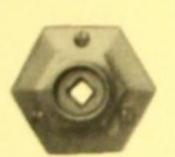
901AH

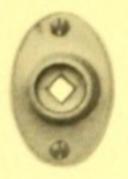
905FT 901DS 903PR

901AH

2.3/8" 2.1/8" 2" 1.7/8"

.46 lbs.
.14 lbs.
.13 lbs.
.14 lbs.









901AB

901PO

901BC

905FB

901AB 901PO 901BC

905FB

2 1/16" x 1 3/4" 1 1/2" x 2 3/16" 1 3/4"

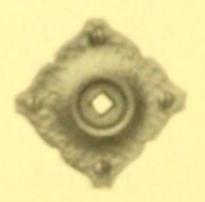
1 7/16" x 2 7/8"

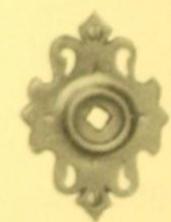
.18 lbs .14 lbs. .11 lbs.

.11 lbs.









901HP

901ST

5901KA

901FD

901HP 901ST 3" x 4" 2" 2 3/8"

.27 lbs.
.13 lbs.
.13 lbs.

5901KA 901FD

2 1/8" x 3"

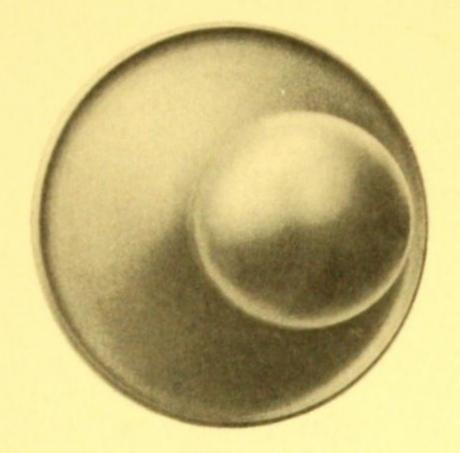
.13 lbs.

DIAMOND SPINDLING IS REGULAR - SPECIFY IF SQUARE SPINDLING IS REQUIRED

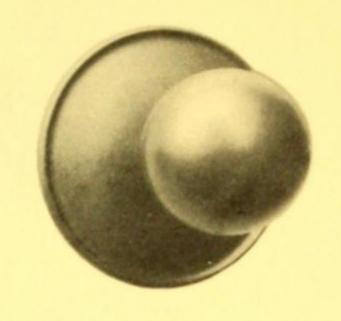


DOOR KNOBS AND ROSES

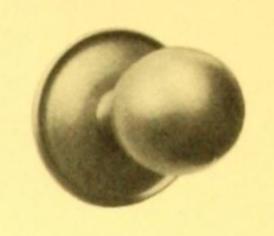
CAST BRASS, BRONZE AND ALUMINUM



300BL X 914CE

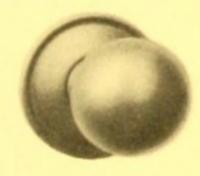


250BL X 908CE

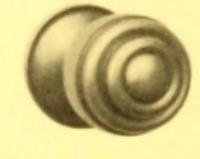


200BL X 906CE

	SIZE	ROSE 914CE	SIZE	HEIGHT	WGHT. Brze. 5.13 lbs.	PACKED 1 Pr.
300BL 250BL	$2\frac{1}{2}$ "	908CE	4"	$4\frac{1}{2}$ " $3\frac{1}{2}$ "	3.70 lbs.	1 Pr.
200BL	2"	906CE	3"	3"	1.75 lbs.	1 Pr.







175BL X 904CE

200NW X 900NW

175BT X 902CE

175BL	13"	904CE	2111	2311	1.13 lbs.	1 Pr.
200NW		900NW	2"	2111	1.13 lbs.	1 Pr.
175BT	2	902CE	2"	$2\frac{1}{4}$ "	1.25 lbs.	1 Pr.

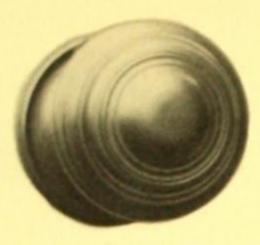
SPINDLES - DOOR KNOBS ARE FURNISHED WITH 5/16" x 20 THREAD SPINDLES. WHERE OTHER MAKERS' THREADS ARE REQUIRED, SO SPECIFY.

SPECIFY FINISH AND DOOR THICKNESS.

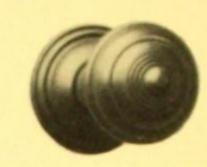


DOOR KNOBS AND ROSES

CAST BRASS, BRONZE AND ALUMINUM





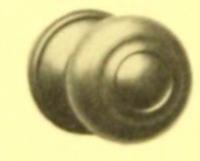


300 X 906MA

225 X 902MA

200 X 900MA







250 X 904GE

200 X 902GE 175 X 900GE

KNOB 300MA 225MA 200MA 250GE 200GE 175GE	SIZE 3'' 2\frac{1}{4}'' 2'' 2\frac{1}{2}'' 1\frac{3}{4}''	ROSE 906 MA 902 MA 900 MA 904 GE 902 GE 900 GE	SIZE 3'' 2\frac{1}{4}'' 2'' 2\frac{1}{2}'' 1\frac{3}{4}''	HEIGHT 3'' 2\frac{1}{2}'' 2\frac{1}{4}'' 2\frac{1}{4}'' 2\frac{1}{8}''	WGHT. Brze. 2.75 lbs. 1.25 lbs. 1.13 lbs. 1.75 lbs. 1.65 lbs.	PACKAGE 1 Pr. 1 Pr. 1 Pr. 1 Pr.
	-4	TOUGE	14	28	1.25 lbs.	1 Pr.

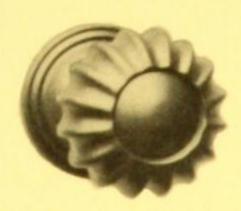
SPINDLES - DOOR KNOBS ARE FURNISHED WITH 5/16" X 20 THREAD SPINDLES. WHERE OTHER MAKER'S THREADS ARE REQUIRED, SO SPECIFY.

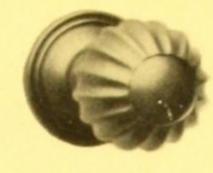
SPECIFY FINISH AND DOOR THICKNESS.



DOOR KNOBS AND ROSES

CAST BRASS, BRONZE AND ALUMINUM



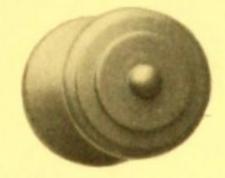




250FT X 904CS

200FT X 902CS

175FT X 900CS







225NT X 904PC

200NT X 902PC

175NT X 900CE







200DK X 900DK 200DL x 900DL 175PR X 900PR

KNOB	SIZE	ROSE	SIZE	HEIGHT	WGHT. Brze.	PACKED
250FT	$2\frac{1}{2}$ "	904CS	$2\frac{1}{4}$ "	3"	2.50 lbs.	1
200FT	2"	902CS	2"	2 7/8"	1.65 lbs.	1
175FT	1311	900CS	2"	2 1/2"	1.13 lbs.	1
225NT	2111	904PC	2111	2 1/2"	1.75 lbs.	1
200NT	2"	902PC	2"	2"	1.25 lbs.	1
175NT	1311	900CE	$1\frac{3}{4}$ "	2"	1.13 lbs.	1
200DK	2"	900DK	2"	2 1/4"	1.25 lbs.	1
200DL	2"	900DL	2"	2 1/4"	1.25 lbs.	1
175PR	1311	900PR	1311	2 1/4"	.91 lbs.	1
TIOT TO	- 4					

SPINDLES - DOOR KNOBS ARE FURNISHED WITH 5/16" x 20 THREAD SPINDLES. WHERE OTHER MAKERS' THREADS ARE REQUIRED, SO SPECIFY.

SPECIFY FINISH AND DOOR THICKNESS.

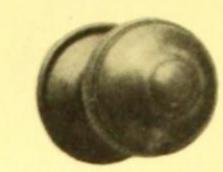


DOOR KNOBS AND ROSES

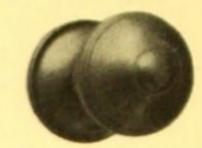
CAST BRASS, BRONZE AND ALUMINUM



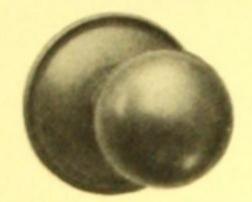
275AA X 906CE



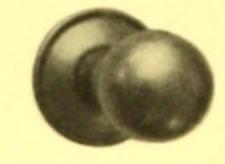
225AA X 904CE



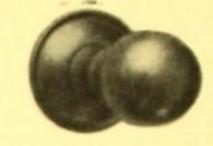
200AA X 902CE



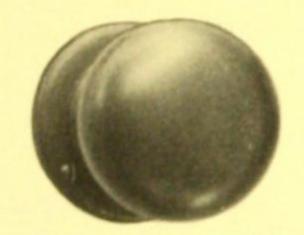
200CE X 906CE



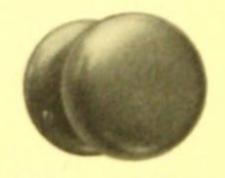
175CE X 904CE



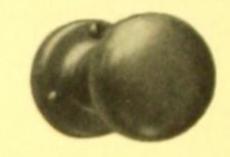
150CE X 902CE



300PR X 906PR



225PR X 904PR



200PR X 902PR

KNOB	SIZE	ROSE	SIZE	HEIGHT	WGHT. Brze.	PACKED
275AA	$2\frac{3}{4}$ "	906CE	3"	3"	2.00 lbs.	1 Pr.
225AA	2111	904CE	2111	2311	1.38 lbs.	
200AA	2"	902CE	2"	2 3 11	The state of the s	1 Pr.
200CE	2"		_		1.13 lbs.	1 Pr.
	_	906CE	3"	312"	1.78 lbs.	1 Pr.
175CE	13"	904CE	2111	3"	1.13 lbs.	1 Pr.
150CE	112"	900CE	2"	2311	1.00 lbs.	
300PR	3"	906PR	3"			1 Pr.
			-	3"	3.13 lbs.	1 Pr.
225PR	21111	904PR	2111	15 "	1.38 lbs.	1 Pr.
200PR	2"	902PR	2"	23/11	1.38 lbs.	
			-	-4	1.30 108.	1 Pr.

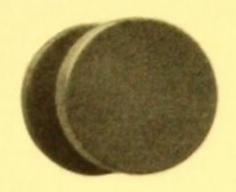
SPINDLES - DOOR KNOBS ARE FURNISHED WITH 5/16" X 20 THREAD SPINDLES. WHERE OTHER MAKER'S THREADS ARE REQUIRED, SO SPECIFY.

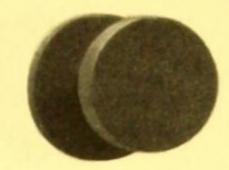
SPECIFY FINISH AND DOOR THICKNESS.

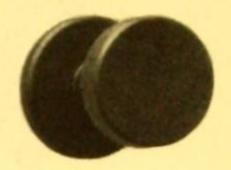


DOOR KNOBS AND ROSES

CAST BRASS, BRONZE AND ALUMINUM



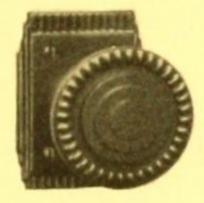




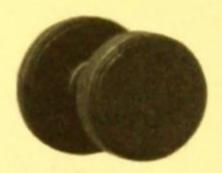
225 X 900MP

200 X 900MP

200 X 900JK







200 X 900MF

200 X 900MC

200 X 900JH

KNOB	SIZE	ROSE	SIZE	HEIGHT	WGHT. Brze.	PACKED
225MP	2111	900MP	2111	2"	1.50 lbs.	1 pr.
200MP	2"	900MP	2111	2"	1.25 lbs.	1 pr.
200JK	2"	900JK	$2\frac{1}{4}$ "	2"	1.25 lbs.	1 pr.
200MF	2"	900MF	17/8"x25	/8" 21"	1.25 lbs.	1 pr.
200MC	2"	900MC	2'18"	2"	1.13 lbs.	1 pr.
200JH	2"	900JH	2111	2"	1.25 lbs.	1 pr.

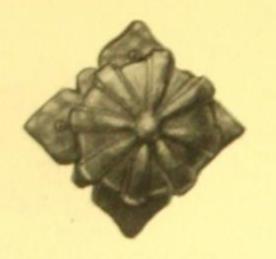
SPINDLES - DOOR KNOBS ARE FURNISHED WITH 5/16" x 20 THREAD SPINDLES. WHERE OTHER MAKERS' THREADS ARE REQUIRED, SO SPECIFY.

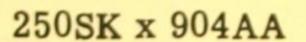
SPECIFY FINISH AND DOOR THICKNESS.

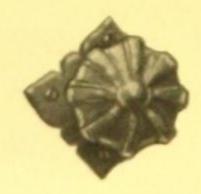


DOOR KNOBS

CAST BRASS, BRONZE AND WHITE BRONZE







200SK x 900AA



200ST x 900ST



250SA x 902SA



200SA x 900SA



5200 x 5900KA

KNOB 250SK 200SK 200ST 250SA 200SA 5200KA	SIZE 2½" 2" 2½" 2" 2" 2"	ROSE 902AA 900AA 900ST 902SA 900SA 5900KA	HEIGHT 2" 1 3/4" 1 7/8" 2 1/8" 2 1/8" 1 5/8"	WGHTBronze 1.46 lbs88 lbs53 lbs. 2.63 lbs. 1.38 lbs88 lbs.	PACKED 1 pr. 1 pr. 1 pr. 1 pr. 1 pr. 1 pr. 1 pr.
					- Pr.

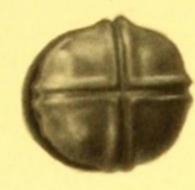
SPINDLES - DOOR KNOBS ARE FURNISHED WITH 5/16" x 20 THREAD SPINDLES. WHERE OTHER MAKER'S THREADS ARE REQUIRED, SO SPECIFY.

SPECIFY FINISH AND DOOR THICKNESS.



DOOR KNOBS

CAST BRASS, BRONZE AND ALUMINUM







225TL x 904CS

200TL x 902CS

175TL x 900CS







390PO x 902PR

200AB x 900AB

150TL x 900CS

NO.	SIZE	ROSE	SIZE	HEIGHT	WGHTBrze	PACKED
225TL	2111	904CS	2111	3"	2.00 lbs.	1 pr.
200TL	2"	902CS	2"	2 7/8"	1.50 lbs.	1 pr.
175TL	13"	900CS	1311	2 1/2"	1.38 lbs.	1 pr.
150TL	$1\frac{1}{2}$ "	900CS	$1\frac{3}{4}$ "	2 3/8"	1.00 lbs.	1 pr.
	$1\frac{1}{2}$ " x $2\frac{1}{4}$ "		2"	1 3/4"		1 pr.
200 AB	2"	900AB	2"	1 7/8"	.88 lbs.	1 pr.

SPINDLES - DOOR KNOBS ARE FURNISHED WITH 5/16" x 20 THREAD SPINDLES. WHERE OTHER MAKER'S THREADS ARE REQUIRED, SO SPECIFY.

SPECIFY FINISH AND DOOR THICKNESS.



DRAWER KNOBS

CAST BRASS, BRONZE, ALUMINUM AND CAST IRON











150MP

100MC

100BL

100CE

125DL











100BT

100AA

125AA

100NW

125NW











125SA

125PR

100FT

100TT

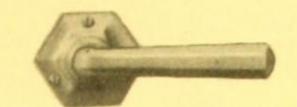
	01 10	10011	TOOTL	125SK
NO. 150MP 100MC 100BL 100CE 125DL 100BT 100AA 125AA 100NW 125NW 125NW 125SA 125PR 100FT 100TL 125SK	SIZE 1½" 1" 1" 1½" 1½" 1½" 1½" 1½" 1½" 1½"	HEIGHT 1 5/16" 1 1/16" 1 7/16" 1 9/16" 1 3/16" 1 1/4" 1 1/4" 1 1/4" 1 5/16" 1 3/8" 1 5/16" 1 1/16" 1 5/8" 1 1/4"	WEIGHT .16 lbs14 lbs21 lbs23 lbs21 lbs16 lbs18 lbs18 lbs16 lbs25 lbs21 lbs25 lbs23 lbs25 lbs25 lbs25 lbs27 lbs25 lbs.	PACKED 12 12 12 12 12 12 12 12 12 1

FOR MORTISE BOLT KNOBS TO MATCH ABOVE DRAWER KNOBS SEE PRICE LIST SPECIFY FINISH AND THICKNESS OF DRAWERS OR DOORS

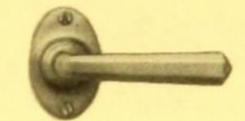


LEVER HANDLES

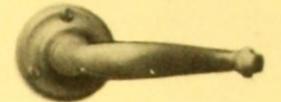
CAST BRASS AND BRONZE



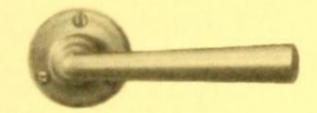
400AB x 900AB



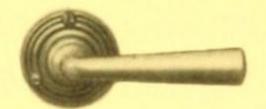
300AB x 900PO



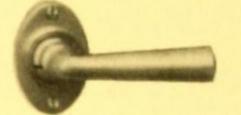
400CN x 902PA



400PR x 902PR



300PR x 900AH



275PR x 900PO

		LENGTH TO			
	LENGTH	CENTER OF			WEIGHT
NO.	OVER ALL	SHANK	HEIGHT	CLEARANCE	EACH
400AB	4"	31/2"	1 1 1 1 1	7/8"	.344 lbs.
300AB	3311	3"	11/8"	3/4"	.313 lbs.
400CN		$3\frac{3}{8}$ "	$1\frac{3}{4}$ "	1 1/8"	.250 lbs.
400PR	·	4"	$1\frac{1}{2}$ "	7/8"	.438 lbs.
300PR	-	3"	$1\frac{1}{2}$ "	7/8"	.375 lbs.
275PR		$2\frac{3}{4}$ "	$1\frac{1}{2}$ "	7/8"	.282 lbs.

PACKED ONE PAIR IN A BOX WITH ROSES IF ORDERED WEIGHTS GIVEN ARE WITHOUT ROSES
LEVER HANDLES ARE PRICED WITHOUT ROSES

SEE PAGES 131 - 136 FOR PLAIN AND SPRING ROSES

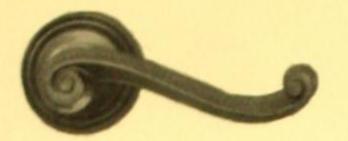
DIAMOND SPINDLING IS REGULAR - SPECIFY IF SQUARE SPINDLING IS REQUIRED

SPECIFY HAND, FINISH AND THICKNESS OF DOORS



LEVER HANDLES

CAST BRASS AND BRONZE



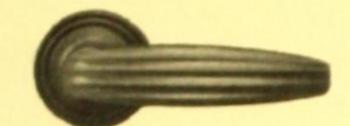


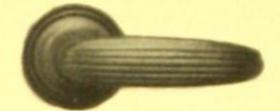


500AG x 905AH

400AG x 902PR

300AG x 900PO







500FT x 905AH

400FT x 900AH

400ST x 900PO

HANDED LEVERS ARE SHOWN RIGHT HAND

NO. 500AG 400AG 300AG 500FT 400FT 400ST	4 1 1 1 3 3 1 1 5 1 1 5 1 1	LENGTH TO CENTER OF SHANK 4 3/4" 3 3/4" 2 7/8" 4 1/2" 3 1/2" 3 3/4"	HEIGHT 2" 1 7/8" 1 7/8" 2 1/2" 2" 1 3/4"	CLEARANCE 1 1/4" 1" 1" 1 7/8" 1 5/8" 1 1/4"	WEIGHT EACH .688 lbs563 lbs438 lbs875 lbs500 lbs.
400ST	4"	3 3/4"	1 3/4"	1 1/4"	.438 lbs.

PACKED ONE PAIR IN A BOX WITH ROSES IF ORDERED WEIGHTS GIVEN ARE WITHOUT ROSES
LEVER HANDLES ARE PRICED WITHOUT ROSES

SEE PAGES 131 - 136 FOR PLAIN AND SPRING ROSES

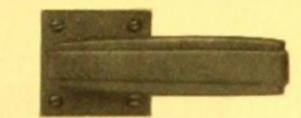
DIAMOND SPINDLING IS REGULAR - SPECIFY IF SQUARE SPINDLING IS REQUIRED

SPECIFY HAND, FINISH AND THICKNESS OF DOORS

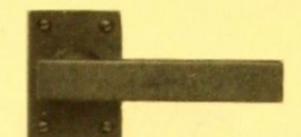


LEVER HANDLES

CAST BRASS AND BRONZE



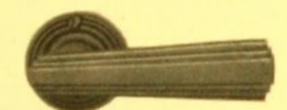
400ME x 900SE



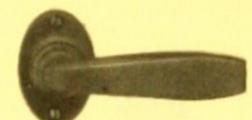
400MP x 902SE



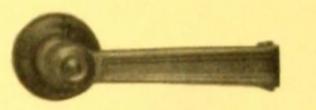
400MB x 900AB



400MC x 900AH



400AN x 900PO



400HH x 900HH

	LENGTH TO			
LENGTH	CENTER OF			WEIGHT
NO. OVER ALL	SHANK	HEIGHT CL	EARANCE	EACH
400ME $4\frac{3}{8}$ "	3 3/4"	1 3/4"	1 7/16"	.57 lbs.
400MP $4\frac{1}{2}$ "	3 3/4"	1 9/16"	1 1/8"	.57 lbs.
	3 1/2"	1 3/4"	1 3/8"	.44 lbs.
400MB $4\frac{1}{4}$ " $400MC$ $4\frac{3}{8}$ "	3 3/4"	1 3/4"	1 7/16"	.57 lbs.
400AN 3 ³ / ₄ "	3 1/2"	1 3/4"	1 3/8"	.38 lbs.
400HH 4 ¹ / ₄ "	3 7/8"	1 5/8"	1 3/16"	.44 lbs.

PACKED ONE PAIR IN A BOX WITH ROSES IF ORDERED WEIGHTS GIVEN ARE WITHOUT ROSES LEVER HANDLES ARE PRICED WITHOUT ROSES

SEE PAGES 131 - 136 FOR PLAIN AND SPRING ROSES

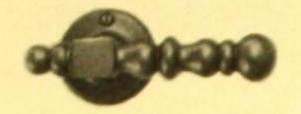
DIAMOND SPINDLING IS REGULAR - SPECIFY IF SQUARE SPINDLING IS REQUIRED

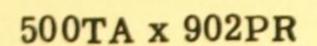
SPECIFY FINISH, HAND AND THICKNESS OF DOORS



LEVER HANDLES

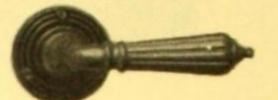
CAST BRASS AND BRONZE







400TA x 900ST



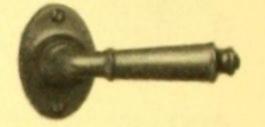
375AL x 900AH



400AD x 900BC



300AE x 900PO



350AF x 900PO

	I ENGMIT	LENGTH TO			
	LENGTH	CENTER OF			WEIGHT
NO.	OVER ALL	SHANK	HEIGHT	CLEARANCE	EACH
500TA	45 "	3 1/4"	2"	1 3/16"	.69 lbs.
400TA	4"	2 7/8"	1 5/16"	1 1/8"	
375AL	3111	3 3/16"	1 3/4"		.47 lbs.
400AD	6			1 1/8"	.41 lbs.
		3 1/8"	1 1/2"	7/8"	.25 lbs.
300AE		2 1/2"	1 3/4"	1 3/16"	.22 lbs.
350AF	312"	3 1/8"	1 1/2"	3/4"	.35 lbs.
				, –	. OU LUD.

PACKED ONE PAIR IN A BOX WITH ROSES IF ORDERED WEIGHTS GIVEN ARE WITHOUT ROSES
LEVER HANDLES ARE PRICED WITHOUT ROSES

SEE PAGES 131 - 136 FOR PLAIN AND SPRING ROSES

DIAMOND SPINDLING IS REGULAR - SPECIFY IF SQUARE SPINDLING IS REQUIRED

SPECIFY FINISH, HAND AND THICKNESS OF DOORS



LEVER HANDLES

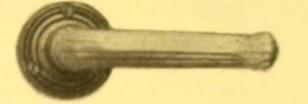
CAST BRASS AND BRONZE



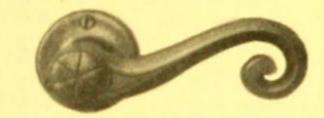
400HP x 900HP



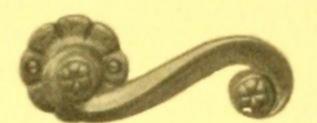
500MR x 902PR



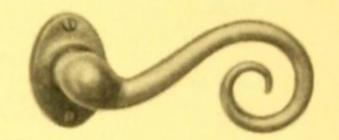
400AH x 900AH



425SU x 902PR



400RL x 900ST



500PB x 900PO

ALL HANDLES HANDED ARE SHOWN RIGHT HAND

	LENGTH	LENGTH TO CENTER OF			WEIGHT
NO.	OVER ALL	SHANK	HEIGHT	CLEARANCE	EACH
400HP	4 5/8"	4 1/4"	2"	1 1/8"	.57 lbs.
500MR	4 3/4"	4 3/8"	1 7/8"	1 1/4"	.66 lbs.
400AH	4"	3 3/8"	2 1/2"	1 3/8"	.47 lbs.
425SU	4 1/2"	4 1/8"	2 1/8"	1 3/16"	.57 lbs.
400RL	4 1/2"	4"	1 3/4"	1 1/8"	.63 lbs.
500PB	4 1/2"	4 1/8"	2 1/8"	1 1/2"	.66 lbs.

PACKED ONE PAIR IN A BOX WITH ROSES IF ORDERED WEIGHTS GIVEN ARE WITHOUT ROSES
LEVER HANDLES ARE PRICED WITHOUT ROSES

SEE PAGES 131 - 136 FOR PLAIN AND SPRING ROSES

DIAMOND SPINDLING IS REGULAR - SPECIFY IF SQUARE SPINDLING IS REQUIRED

SPECIFY FINISH, HAND AND THICKNESS OF DOORS



KEY PLATES

CAST BRASS, BRONZE AND ALUMINUM















150PR

150CE

50PR

50PO

50AH

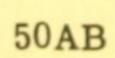
50MA

50PM

NO.	SIZE	WEIGHT - Bronze	PACKED
* 150PR	1 3/8"	.0156 lb.	12
* 150CE	1 3/8"	.0156 lb.	12
50PR	1 3/8"	.0313 lb.	12
50PO	1 3/8"	.0313 lb.	12
50AH	1 1/2"	.0625 lb.	12
50 MA	1 3/4"	.0625 lb.	12
50PM	1 1/8" x 2 1/8"	.0468 lb.	12

^{*} Wrought Metal







50PT



50DL



50ST



50SK



50SA

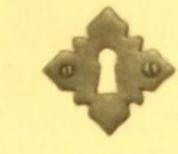
NO.	SIZE WE	IGHT - Bronze	PACKED
50AB	1 3/16" x 1 5/16"	.0156 lb.	12
50PT	1 1/4" x 2 3/8"	.0468 lb.	12
50DL	1" x 2"	.0468 lb.	12
50ST	7/8" x 1 7/8"	.0468 lb.	12
50SK	1" x 1 9/16"	.0313 lb.	12
50SA	1 7/8" x 1 7/8"	.0468 lb.	12



KEY PLATES

CAST BRASS, BRONZE AND ALUMINUM





55AA









50AA



NO.	SIZE	WEIGHT - Bronze	PACKED
50HP	2 1/8" x 2 5/8"	.0625 lb.	12
55AA	1 1/2" x 1 1/2"	.0468 lb.	12
50FD	1 1/8" x 2 7/16"	.0468 lb.	12
50PU	1" x 2 1/2"	.0313 lb.	12
50FB	1" x 2"	.0156 lb.	12
50AA	1 5/16" x 1 1/2"		12
* 5050KA	1 3/16" x 2 1/8"		12













60EG	COEII	60ES	60EN	60EL	60BA	
OUEG	60EH	OULS	OOLI	OUEL	OODA	
6	0EG	1" x 2 1/8"		.0781 lb.		12
		3/4" x 2 1/4"		.0781 lb.		12
		3/4" x 2 1/4"		.0625 lb.		12
6	BOEN	1" x 2 5/16"		.0781 lb.		12
6	0EL	1" x 2 1/4"		.0938 lb.		12
6	BOBA	1 3/16" x 1 7/8	8"	.109 lb.		12

	8	8	
60BE	60BC	60BD	
60BE 60BC 60BD	11/16" x 2 1/4" 5/8" x 1 15/16" 11/16" x 1 7/8"	.0625 lb. .0468 lb. .0468 lb.	12 12 12



THUMB TURNS

CAST BRASS, BRONZE AND ALUMINUM

			0			
1316PR	1316CE	316PR	316PO	316AH	316MA	316PM
	NO.	SIZE		WEIGHT -		PACKED
	* 1316PR	1 3/	8''	.078	lbs.	6
	* 1316CE	1 3/	8''	.094	lbs.	6
	316PR	1 3/	8"	.109	lbs.	6
	316PO	1" x	1 9/16"	.109	lbs.	6
	316AH	1 1/3	2"	.14 11	os.	
	316MA	1 3/4	4''	.141		
	316PM	1 1/3	8" x 2 1/8"			
		* Wrough	nt Metal			

				1
316AB 316F		316ST x 15/16"	316SK	316SA
316PT	1 1/4" x		.094 lbs.	6
316DL	1" x 2"		.109 lbs.	6
316ST	7/8" x 1		.130 lbs.	6
316SK 316SA		1 9/16"	.130 lbs.	6
JIODA	1 7/8" x	1 7/8"	.130 lbs.	6
4	4	& A		-
9	W	W W	4	

A.	- Alle	À	*	W	AND	
316HP	317AA 316HP 317AA 316FD 316PU 316FB 316AA	1 1/ 1 1/ 1" x 1" x 15/	316PU /8" x 2 5/8 /2" x 1 1/2 /8" x 2 7/1 x 2 1/2" x 2" 16" x 1 1/2	'' .130 6'' .109 .109 .094	316AA lbs. lbs. lbs. lbs. lbs.	5316KA 6 6 6 6 6
	5316KA	1 3/	16" x 2 1/	8" .130	lbs.	

THUMB TURNS ARE FURNISHED REGULARLY WITH 3/16" DIAMOND TAIL PIECES

FLAT AND SQUARE TAIL PIECES WILL BE FURNISHED ON ORDER



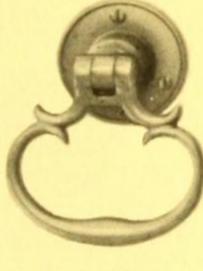
DROP HANDLES CAST BRASS AND BRONZE

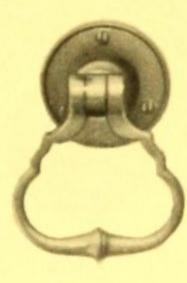


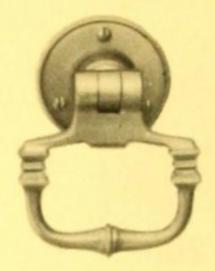












NO.	SIZE	ROSE	PROJ.	DROP	WGHT.	PACK
	1 3/4" x 3"		5/8"	1 3/4" x 2 1/2"	.19 lbs.	6
611	1 3/8" x 2 3/	911 1 1/811	9/16"	1 3/8" x 2"	.16 lbs.	6
610	1 3/6" X 2 3/	411 1 2 / 911	3/4"	1/2" x 2 1/2"	.16 lbs.	6
8	1 3/8" x 2 3/		3/4"	3/8" x 1 3/16"	.10 lbs.	6
7	7/8" x 2"	7/8"		3'' x 3''	.53 lbs.	1
621	3" x 3 1/2"		1 3/4"		.47 lbs.	i
622	2 5/8" x 3 3/	8" 2"	1 3/4"	2 7/8" x 2 5/8"		1
620	2 3/4" x 3 3/	8" 2"	1 7/8"	3" x 2 3/4"	.60 lbs.	1

DROP HANDLES ARE PRICED WITH NO. 900HL ROSES HANDLES ARE SPINDLED 5/16" ON THE DIAMOND SQUARE SPINDLES MAY BE HAD WHEN ORDERED

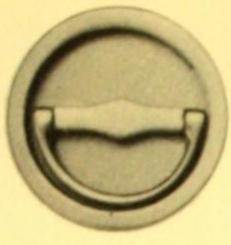
SWIVEL SPINDLES FOR ADJUSTMENT WILL BE FURNISHED WHEN USED IN PAIRS

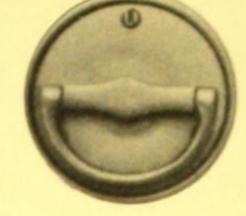
ANY OF OUR PLAIN OR CONCEALED ROSES MAY BE USED SPECIFY FINISH AND THICKNESS OF DOORS



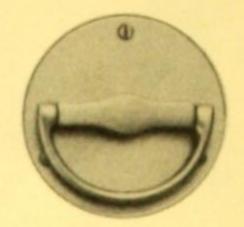
FLUSH CUP HANDLES

CAST BRASS AND BRONZE



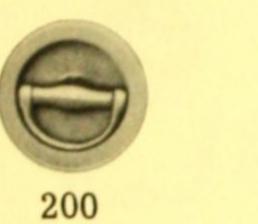


301



302











202

NO.	DEPTH	DPOTECTION	IIIIII	
300		PROJECTION	WEIGHT	PACKED
	7/16"	-	.57 lbs.	2
301	-	9/16"	.38 lbs.	2
302	-	9/16"		
200	5/16"	0/10	.32 lbs.	2
201	0/10		.32 lbs.	2
	-	1/2"	.19 lbs.	2
202	-	1/2"	.19 lbs.	2

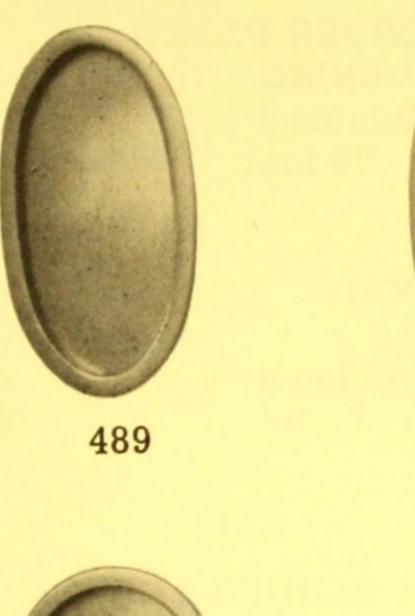
HANDLES ARE SPINDLED 5/16" ON THE DIAMOND. SQUARE SPINDLES MAY BE HAD WHEN ORDERED.

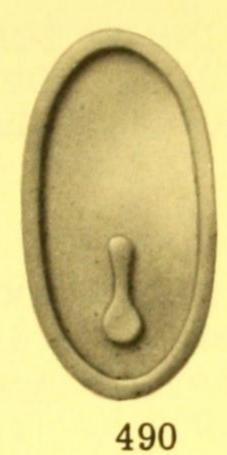
SWIVEL SPINDLES FOR ADJUSTMENT WHEN REQUIRED.

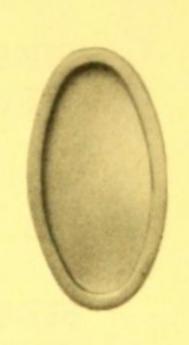
SPECIFY FINISH AND THICKNESS OF DOORS.

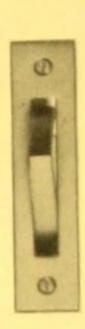


FLUSH PULLS AND ESCUTCHEONS BRASS, BRONZE AND ALUMINUM



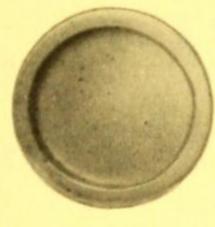




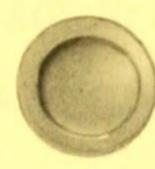


488

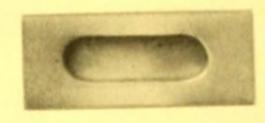




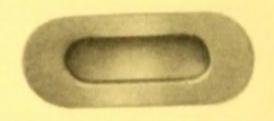




491



493

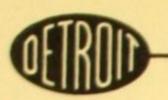


494

WEIGHT

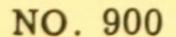
NO.	SIZE	DEPTH	SPINDLE	PACK	Bronze	Aluminum
489	3" x 5 7/8"	1/2"	_	2	.50 lbs.	.17 lbs.
*490	3" x 5 7/8"	1/2"	5/16"	2	.63 lbs.	.21 lbs.
488	2 1/8" x 4 1/8"	-/-		6	.32 lbs.	.11 lbs.
570	1" x 4 1/4"	-	_	12	.25 lbs.	.08 lbs.
492	3"	7/16"	_	6	.28 lbs.	.09 lbs.
	2"	3/8"	_	6	.16 lbs.	.05 lbs.
491	_	,		12	.32 lbs.	.11 lbs.
493	1 1/2" x 3 5/8			12	.19 lbs.	.06 lbs.
494	1 1/2" x 3 1/2"	0/0	-	14	.10 105.	.oo ibb.

*SPINDLE FURNISHED REGULARLY ON THE DIAMOND



LETTER BOX PLATES

CAST BRASS, BRONZE AND ALUMINUM



WITH INSIDE BORDER PLATE SIZE - 9" x $3\frac{1}{2}$ " OPENING - $7\frac{3}{8}$ " x $2\frac{1}{4}$ " WEIGHT - Bronze Aluminum 2.37 lbs. .79 lbs.

NO. 901

WITH INSIDE HOOD
SIZE OF HOOD - 9" x 3\frac{1}{4}"
WEIGHT - Bronze Aluminum
3.96 lbs. 1.32 lbs.

NO. 1100

WITH INSIDE BORDER PLATE SIZE - $11\frac{1}{4}$ " x $3\frac{1}{2}$ " OPENING - $9\frac{1}{4}$ " x 2" BORDER PLATE SIZE - $11\frac{1}{4}$ " x $3\frac{1}{2}$ " OPENING - $9\frac{1}{4}$ " x 2" WEIGHT - Bronze Aluminum 2.55 lbs. .85 lbs.

NO. 1101

WITH INSIDE HOOD

SIZE OF HOOD - $11\frac{1}{4}$ " x $3\frac{1}{2}$ "

WEIGHT - Bronze Aluminum

3.75 lbs. 1.25 lbs.

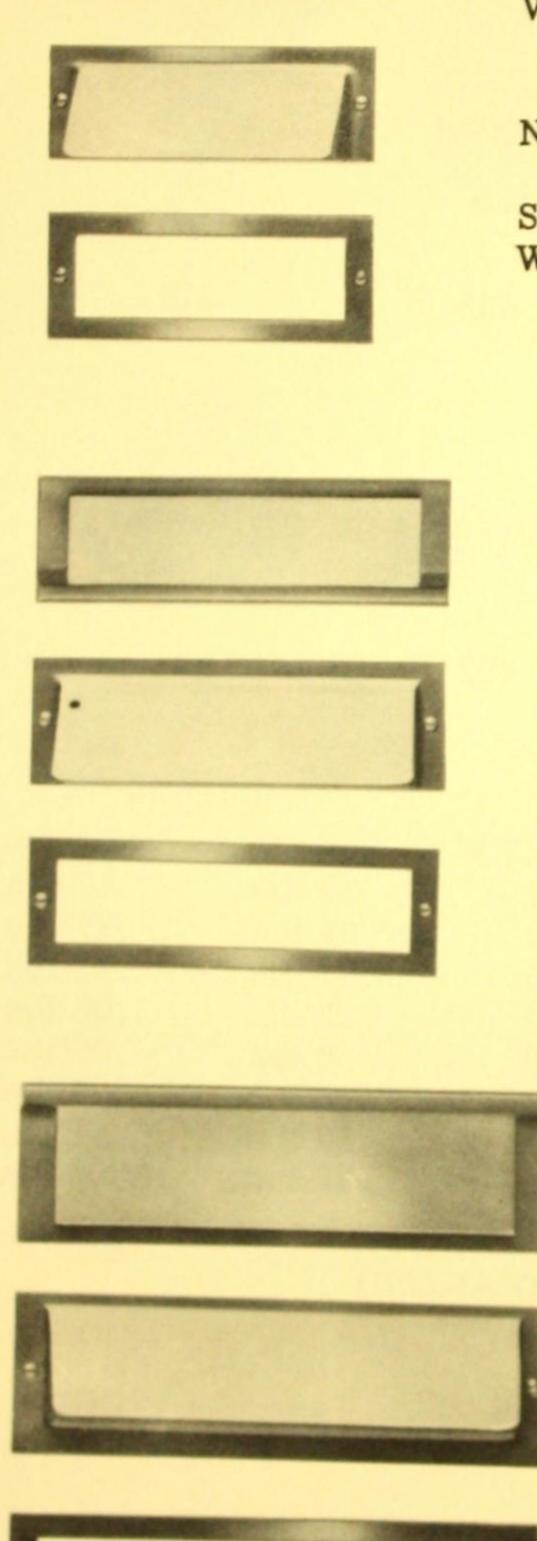
NO. 1500

WITH INSIDE BORDER PLATE SIZE - $14\frac{1}{4}$ " x $4\frac{1}{2}$ " OPENING - 12" x 2 7/8" BORDER PLATE SIZE - 14" x $4\frac{5}{8}$ " OPENING - $12\frac{3}{4}$ " x 3" WEIGHT - Bronze Aluminum 4.13 lbs. 1.40 lbs.

NO. 1501 WITH INSIDE HOOD SIZE - $14\frac{3}{8}$ " x $4\frac{3}{8}$ " OPENING - $12\frac{3}{4}$ " x 3"

WEIGHT - Bronze Aluminum 5.75 lbs. 1.92 lbs.

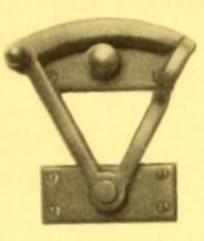
PACKED ONE IN A BOX SPECIFY FINISH AND THICKNESS IF OVER 2 1/4"



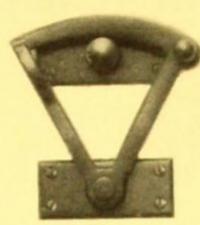


QUADRANTS, LATCHES AND HINGES

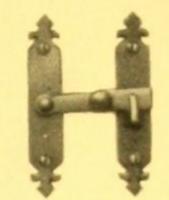
CAST BRASS AND BRONZE



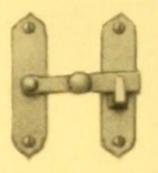
560 - RH



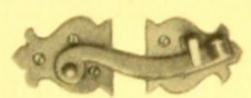
560 - LH



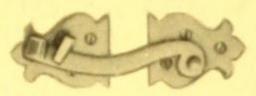
6100



6105

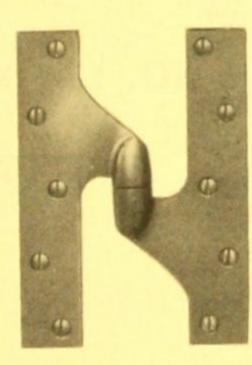


6110 RH

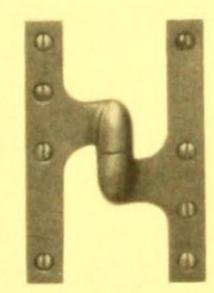


6110 - LH

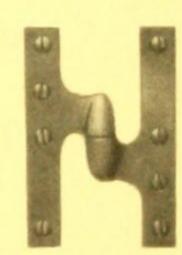
NO.	SIZE	BACK PLATES	WGHT. Brze.	PACKED			
560	4 1/4" x 4 5/8"	1 3/8" x 3"	1.00 lb.	1			
6100	2 7/8" x 4 1/8"	3/4" x 4 1/8"	.32 lb.	6			
6105	2 7/8" x 3 1/4"	3/4" x 3 1/4"	.12 lb.	6			
6110	1 5/8" x 5 1/4"	1 5/8" x 2 1/8"	.32 lb.	6			
SPECIFY FINISH REQUIRED							



 $1700 - 1700\frac{1}{2}$



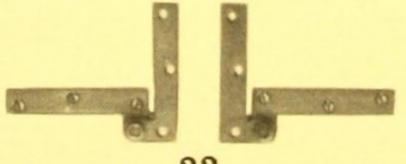
 $1600 - 1600\frac{1}{2}$



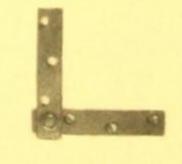
1500



1300



2



WEIGHT - D

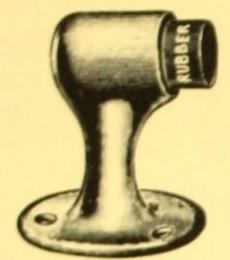
		WIDTH	WIDTH OF	WEIGHT - Pr.	
NO.	SIZE	OPEN	FLANGE	Bronze	PACKED
1700	7"	5"	1 1/4"	4.00 lbs.	1 pr.
$*1700\frac{1}{2}$	7"	5"	1 1/4"	4.00 lbs.	1 pr.
1600	6"	4"	7/8"	2.38 lbs.	1 pr.
$*1600\frac{1}{2}$	6"	4"	7/8"	2.38 lbs.	1 pr.
1500	5"	3111	3/4"	1.25 lbs.	1 pr.
1300	3"	21/4"	1/2"	.50 lbs.	6 pr.
22	3 1/8"	7	-,	.38 lbs.	6 pr.
20	3"	0	1/2"	.25 lbs.	6 pr.

^{* 1/2} NUMBERS ARE BALL BEARING

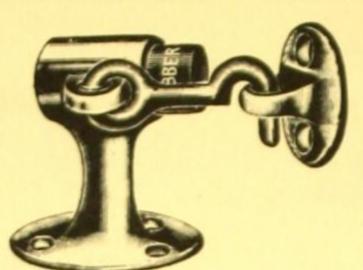


HEAVY DOOR STOPS AND HOLDERS

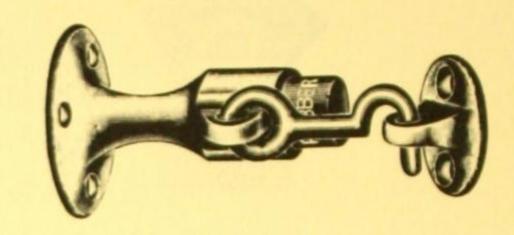
CAST BRASS, BRONZE AND ALUMINUM BASES - $2\frac{1}{2}$ " DIAMETER RUBBERS - 1" DIAMETER



NO. $11\frac{1}{2}$ NO. $11\frac{3}{4}$

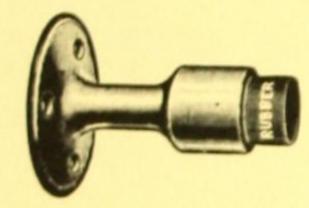


NO. 11 - RH

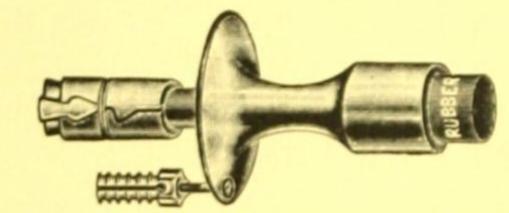


NO. 13 - RH

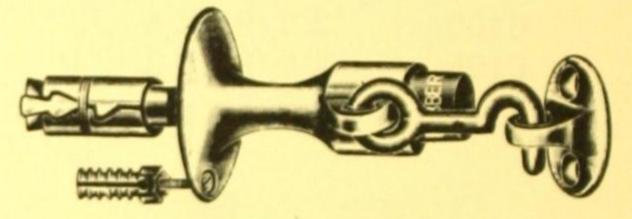
NO.	HEIGHT	WGHT Bronze	Aluminum	PACKED
$11\frac{1}{2}$ $11\frac{3}{4}$	3 1/2"	1.00 lbs.	.25 lbs.	6
$11\frac{3}{4}$	3 3/4"	.69 lbs.	.23 lbs.	6
11	3 1/8"	1.00 lbs.	.33 lbs.	6
13	3 1/2"	.93 lbs.	.31 lbs.	6



NO. $13\frac{1}{2}$

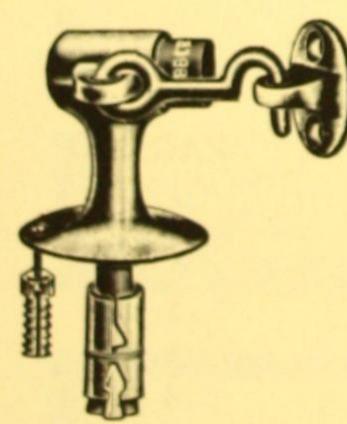


NO. $12\frac{1}{2}$



NO. 12 - RH

NO.	HEIGHT	WGHT Bronze	Aluminum	PACKED
$13\frac{1}{2}$ $12\frac{1}{2}$	3 1/2"	.66 lbs.	.22 lbs.	6
$12\frac{1}{2}$	3 1/2"	1.05 lbs.	.35 lbs.	6
12	3 1/2"	1.32 lbs.	.44 lbs.	6

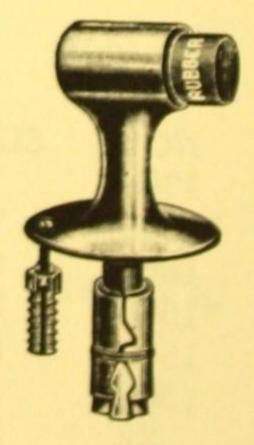


NO. 10 - RH

NO. 10
HEIGHT WGHT. Alum. Bronze PACK $3\frac{1}{2}$ " 1.32 lbs. .44 lbs. 6

NO. $10\frac{1}{2}$ 3\frac{1}{2}" 1.14 lbs. .38 lbs. 6

SPECIFY FINISH & HAND

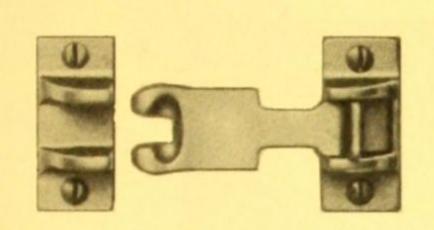


NO. $10\frac{1}{2}$

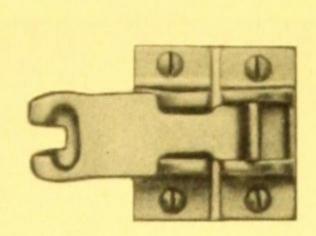


SAFETY WINDOW HARDWARE

PATENTED



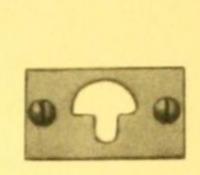




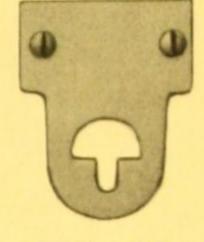
NO. 10



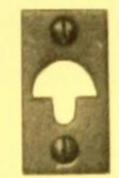
NO. 20



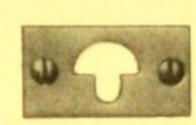
NO. 40



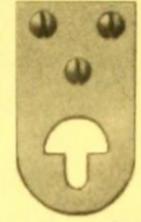
NO. 60



NO. 70



NO. 30



NO. 50

NO. 10	NO. 10 SASH LOCK SIZE 2" x 3 1/8"	WEIGHT .60 lbs.	PACKED 12
20	NO. 20 PULL DOWN HOOK 1" x 3 3/8"	.50 lbs.	12
40	NO. 40 SASH PULL PLATE 1" x 2"	.094 lbs.	12
60	NO. 60 SASH PULL PLATE 2" x 2 1/2"	.18 lbs.	12
30	NO. 30 SASH PULL PLATE 1" x 2"	.063 lbs.	12
50	NO. 50 SASH PULL PLATE 1 7/8" x 2 1/2"	.094 lbs.	12
70	NO. 70 SASH POLE HANGER 1" x 2"	.13 lbs.	12

THESE SASH LOCKS WILL TIGHTEN MEETING RAILS UP TO 3/8" OUT OF ALIGNMENT.

PULL DOWN HOOKS ARE DESIGNED SO THAT THEY MAY NOT BE USED TO OPERATE SASH BY PULLING ON MUNTIN BARS.

INTERLOCKING OF PULL DOWN HOOK IN SASH LOCKS AND SASH PULL PLATES ELIMINATES GLASS BREAKAGE THAT OCCURS WHEN OTHER TYPES OF DOUBLE HUNG WINDOW HARDWARE IS USED.

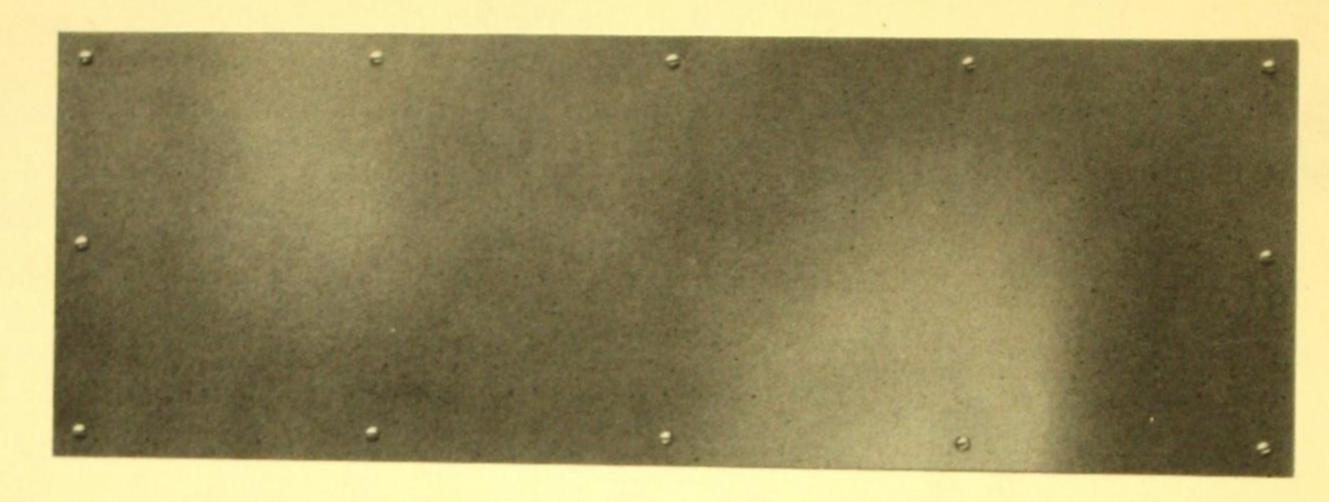
STOCK FINISHES - RB Dull Bronze - BB Dead Black



STANDARD OF QUALITY

KICK PLATES

BRASS, BRONZE, ALUMINUM, STAINLESS STEEL AND BLACK IRON



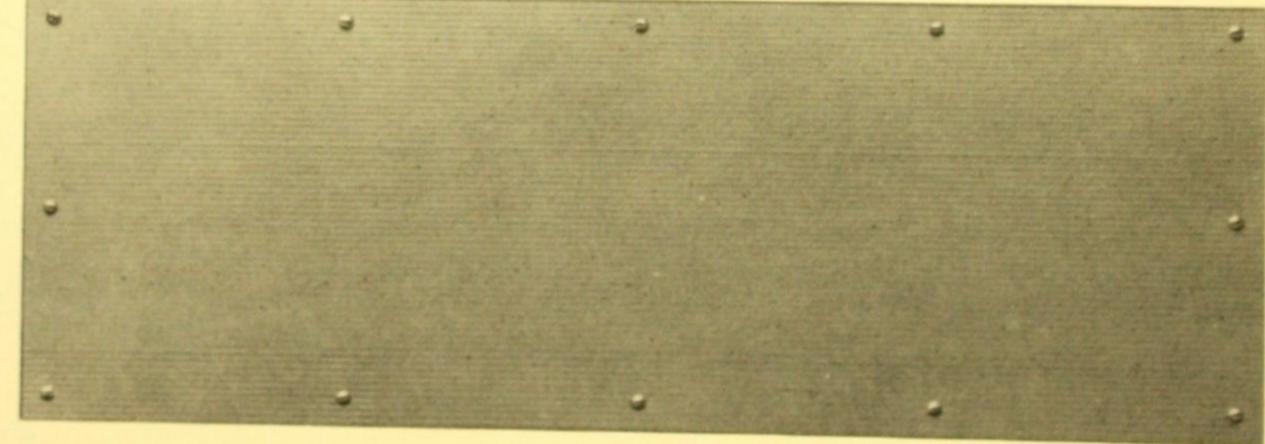
PLAIN SQUARE EDGE REGULAR BEVEL EDGE AT AN ADVANCE IN PRICE

BRASS, BRONZE AND ALUMINUM PLATES ARE STOCKED IN 16 GA. .051 AND 14 GA. .064

STAINLESS STEEL PLATES ARE STOCKED IN 18 GA. .050 AND 16 GA. .062

BLACK IRON PLATES, EITHER PLAIN, PRIME COAT OR BB FINISH ARE STOCKED IN 16 GA. .062

REEDED KICK PLATES ALUMINUM ONLY .040



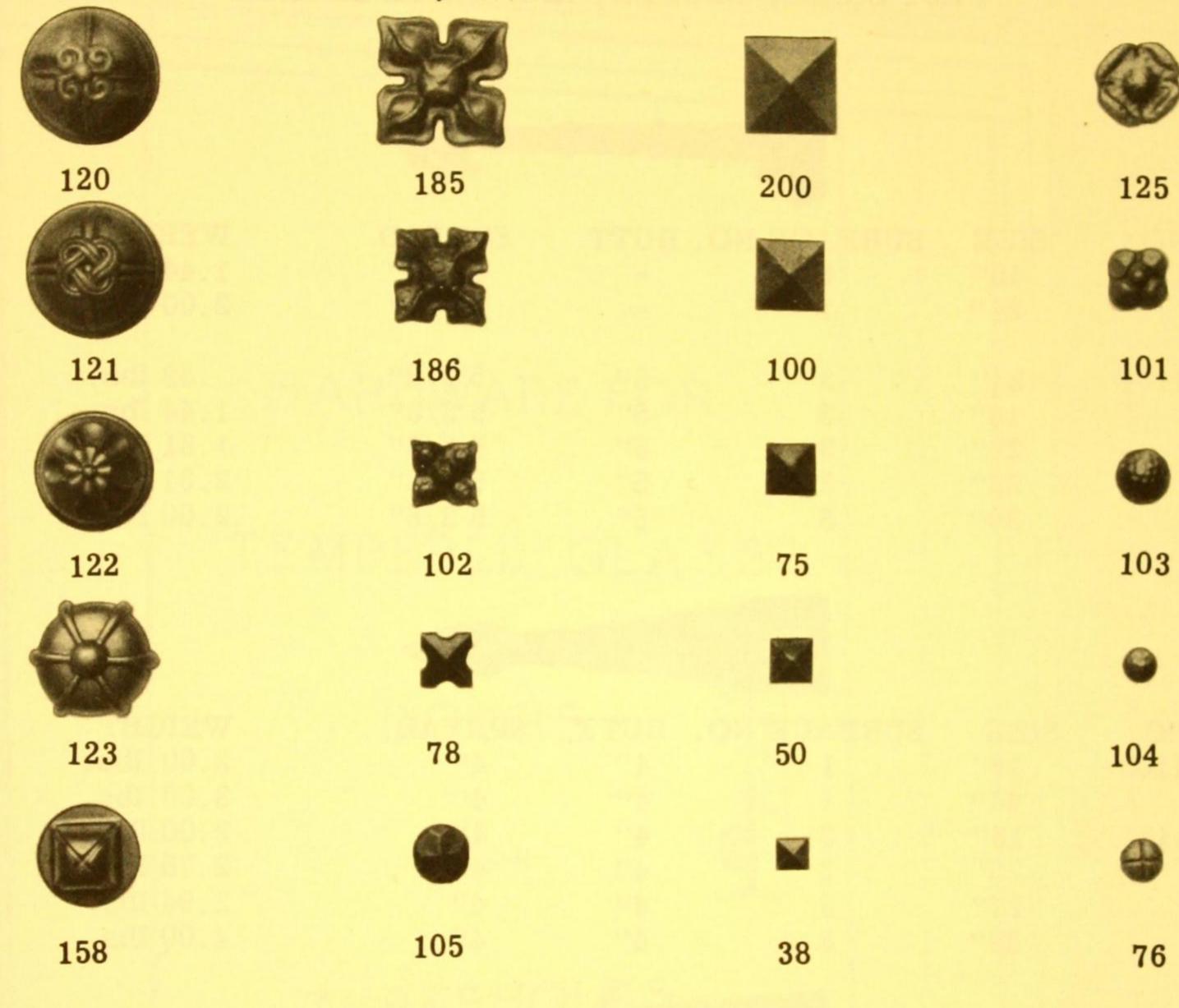
FURNISHED SQUARE EDGE ONLY
GAUGES OTHER THAN LISTED ABOVE WILL BE QUOTED UPON RECEIPT
OF SPECIFICATIONS

ALL KICK PLATES ARE WRAPPED SEPARATELY WITH SCREWS TIED TO EACH PLATE IN A COTTON BAG - THIS INSURES DELIVERY OF SCREWS AFTER WRAPPING IS REMOVED



STUDS

CAST BRASS, BRONZE AND WHITE BRONZE



NO.	SIZE	WEIGHT	PROJ.	NO	SIZE	WEIGHT	PROJ.
120	2"	.44 lbs.		75	5/8"	.08 lbs.	1/2"
185	2"	.14 lbs.	3/8"	103	7/8"	.06 lbs.	1/2"
200	1 1/2"	.23 lbs.	1/2"	123	2"	.25 lbs.	7/8"
125	1 5/8"	.09 lbs.	3/8"	78	13/16"	.05 lbs.	1/4"
121	2 1/8"	.50 lbs.	1"	50	1/2"	.03 lbs.	11/32"
186	1 1/2"	.09 lbs.	3/8"	104	1/2"	.03 lbs.	1/4"
100	1"	.06 lbs.	9/32"	158	1 5/8"	.27 lbs.	7/8"
101	1"	.06 lbs.	7/16"	105	1"	.03 lbs.	7/32"
122	1 7/8"	.31 lbs.	1"	38	3/8"	.015 lbs.	
102	1"	.06 lbs.	3/8"	76	11/16"	.03 lbs.	

ALL STUDS ARE FURNISHED WITH DRIVE SCREWS



HINGE PLATES

CAST BRASS, BRONZE, AND WHITE BRONZE



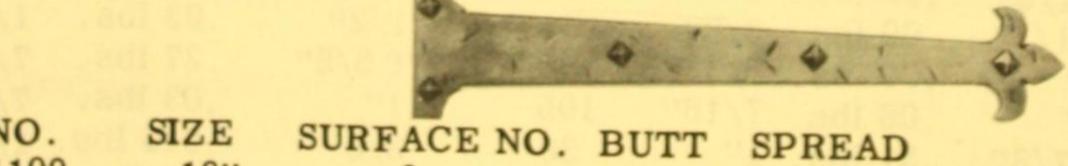
NO. 1100	SIZE 18" 24"	SURFACE N 1 1	O. BUTT	SPREAD 5 3/8" 5 3/8"	WEIGHT 1.44 lbs. 2.00 lbs.
1101	8½'' 18'' 22'' 28'' 30''	3 3 3 3	5'' 5'' 5'' 5''	5 3/8" 5 3/8" 5 3/8" 5 3/8" 5 3/8"	.69 lbs. 1.44 lbs. 1.81 lbs. 2.31 lbs. 2.50 lbs.



NO. 1102 1107	SIZE 18'' 24'' 18'' 25'' 27''	SURFACE NO. 1 1 3 3 3	4'' 4'' 4''	SPREAD 4'' 4'' 4'' 4''	WEIGHT 2.00 lbs. 3.00 lbs. 2.00 lbs. 2.75 lbs.
		3 3	4'' 4''	4'' 4''	2.75 lbs. 2.94 lbs. 4.00 lbs.



NO. SIZE 1108 18" 28" 30" 36"	3 3 3	BUTT 4½" 4½" 4½" 4½" 4½"	SPREAD 5" 5" 5" 5"	WEIGHT 2.25 lbs. 3.50 lbs. 3.75 lbs. 4.50 lbs.
-------------------------------	-------------	-------------------------------	--------------------------------	--



NO. 1109	18'' 22''	SURFACE NO.	5'' 5''	SPREAD 5" 5"	WEIGHT 2.63 lbs. 3.31 lbs.
	28"	3	5"	5"	4.00 lbs.

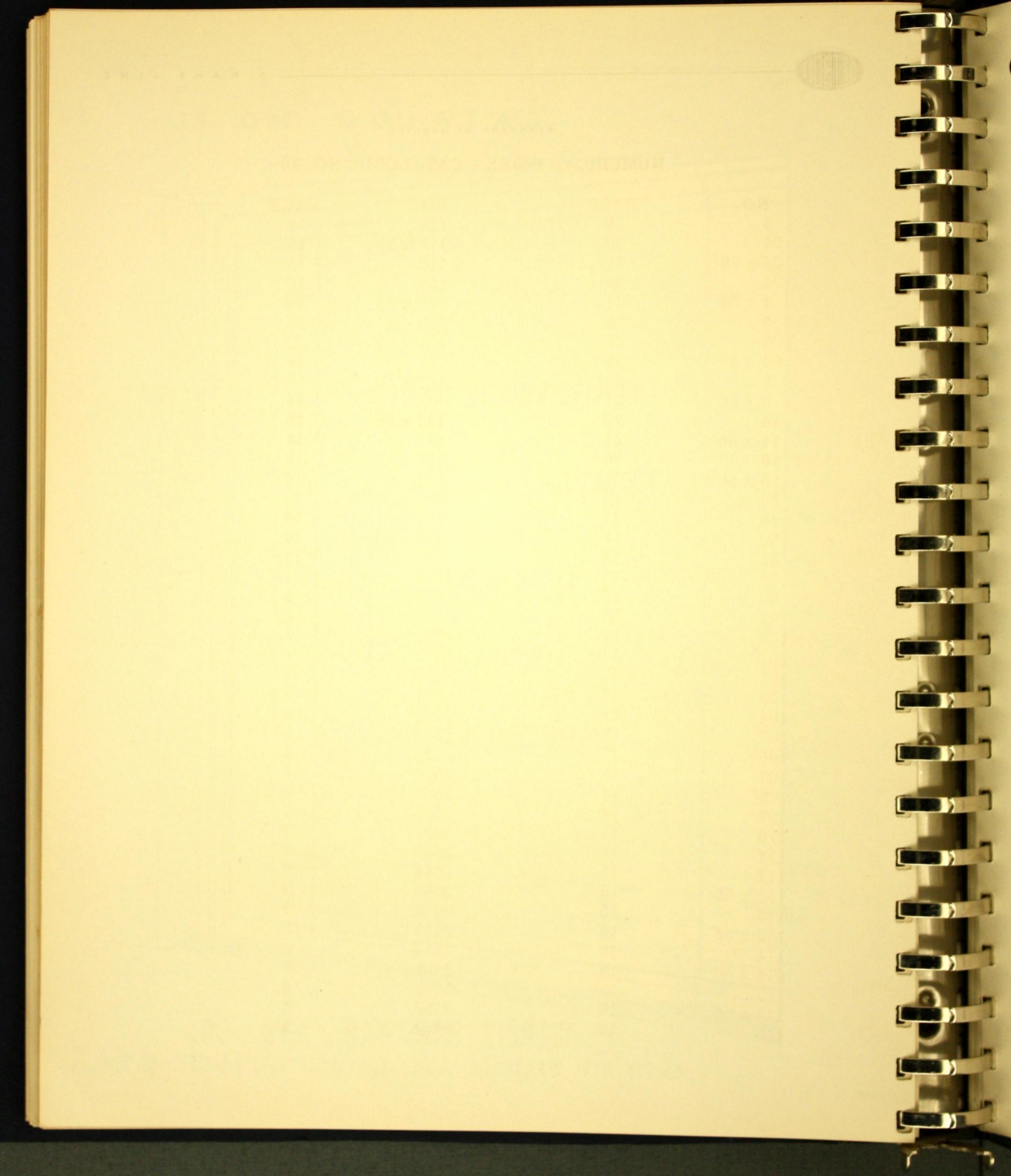
HINGE PLATES FURNISHED WITH DRIVE SCREW STUDS
SPECIFY FINISH



CATALOG NO. 10

HARDWARE FOR TEMPERED GLASS DOORS THRESHOLDS

DETROIT HARDWARE MFG. CO.
1320 MT. ELLIOTT AVE. DETROIT 7, MICH. U.S.A.





NUMERICAL INDEX - CATALOGUE NO. 10

NO.	PAGE	NO.	PAGE
3	18	117	14
04	20	117 x 55	18
04 x 56	21	118	15
4	20	119	14
4 x 56	21	119 x 55	18
5	18	120	15
06	20	120 x 56	19
06×56	21	121	15
6	20	121 x 56	19
6,x 56	21	122	14
14	20	122 x 55	18
14 x 56	21	123	14
16	20	123 x 55	18
16 x 56	21	124	16
30	13	124 x 56	19
40	13	125	16
50	12	125 x 56	19
55	13	425	13
56	13	2525	1
60	12	2526	1
74	12	2530	2
100	17	2531	2
101	17	2532	1
102	17	2533	1
103	17	2534	2
104	17	2535	2
105	17	2536	1
106	17	2537	1
107	17	2538	2
108	14	2539	2
109	14	2540	7
110	14	2541	7
111	14	2545	7
112	15	2546	7
112 x 56	19	2555	3
113	15	2556	3
113 x 56	19	2573	10
114	15	2580	4
114 x 56	19	2592	9
115	15	2593	4, 9
115 x 56	19	2596	5
116	15	3000	5
110		0000	0



NUMERICAL INDEX - CATALOGUE NO. 10

NO.	PAGE	NO.	PAGE
3003	4	3029	6
3005	5	3030	6
3006	3	3031	6
3007	3	3037	6
3008	3	3038	6
3009	3	3040	9
3012	10	3041	9
3013	10	3042	9
3016	4	3046	9
3017	4	3047	5
3020	4, 9	3540	8
3021	4, 9	3541	8
3022	5	3542	8
3024	5	3543	8
3026	4	3544	8
3027	4	3545	8
3028	6	3573	10

REGULAR FINISHES

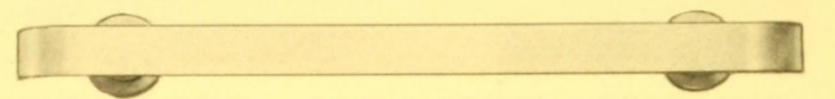
DETROIT	US	
RB	10	DULL BRONZE
CHB	26D	DULL CHROME
AL	-	ALUMILITED ALUMINUM
SS	-	STAINLESS STEEL

OTHER FINISHES WILL BE FURNISHED ON ORDER



PUSH AND PULL BARS

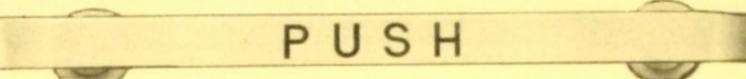
FOR 3/4" TEMPERED GLASS DOORS
3/8" x 1 1/4" SOLID BAR STOCK
BRONZE, ALUMINUM AND STAINLESS STEEL



NO. 2525 - SINGLE BAR - ONE SIDE OF DOOR

NO. BASES HEIGHT CLEARANCE
2525 2" 2 1/16" 1 11/16"

NO. 2526 - DOUBLE BAR - BOTH SIDES OF DOOR 2'' 2 1/16'' 1 11/16''



NO. 2536 - SINGLE BAR - ONE SIDE OF DOOR

NO. BASES HEIGHT CLEARANCE
2536 2" 2 1/16" 1 11/16"

NO. 2532 - DOUBLE BAR - BOTH SIDES OF DOOR 2'' 2 1/16'' 1 11/16''

PULL

NO. 2537 - SINGLE BAR - ONE SIDE OF DOOR

NO. BASES HEIGHT CLEARANCE
2537 2" 2 1/16" 1 11/16"

NO. 2533 - DOUBLE BAR - BOTH SIDES OF DOOR 2'' 2 1/16'' 1 11/16''

LENGTH OVER ALL 5" OVER CENTER MEASUREMENT SUGGESTED CENTER MEASUREMENT $14\frac{1}{2}$ " C - C

WHEN REQUIRED IN PAIRS PUSH AND PULL, SPECIFY 2536 x 2537, ETC.

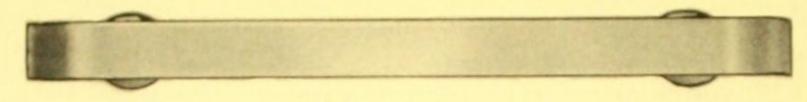
REGULAR FINISHES - AL-ALUMILITED ALUMINUM, US10-DULL BRONZE, AND US26D-DULL CHROME

THE ABOVE BARS MAY BE USED ON WOOD AND METAL DOORS SPECIFY THICKNESS OF DOORS
PACKED ONE IN A BOX OR ONE PAIR IN A BOX



PUSH AND PULL BARS

FOR 3/4" TEMPERED GLASS DOORS
3/8" x 1 1/2" SOLID BAR STOCK
BRONZE, ALUMINUM AND STAINLESS STEEL



NO. 2530 - SINGLE BAR - ONE SIDE OF DOOR

NO. BASES HEIGHT CLEARANCE

2530 2" 2 1/16" 1 11/16"

NO. 2531 - DOUBLE BAR - BOTH SIDES OF DOOR 2'' 2 1/16" 1 11/16"

PUSH

NO. 2538 - SINGLE BAR - ONE SIDE OF DOOR
NO. BASES HEIGHT CLEARANCE
2538 2" 2 1/16" 1 11/16"

NO. 2534 - DOUBLE BAR - BOTH SIDES OF DOOR 2534 2" 2 1/16" 1 11/16"

PULL

NO. 2539 - SINGLE BAR - ONE SIDE OF DOOR
NO. BASES HEIGHT CLEARANCE
2539 2" 2 1/16" 1 11/16"

NO. 2535 - DOUBLE BAR - ONE SIDE OF DOOR 2535 2" 2 1/16" 1 11/16"

LENGTH OVER ALL 5" OVER CENTER MEASUREMENT SUGGESTED CENTER MEASUREMENT 142" C - C

WHEN REQUIRED IN PAIRS PUSH AND PULL, SPECIFY 2538 x 2539, ETC.

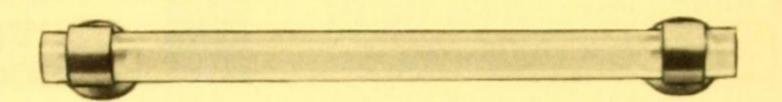
REGULAR FINISHES - AL-ALUMILITED ALUMINUM, US10-DULL BRONZE, AND US26D-DULL CHROME

ABOVE BARS MAY BE USED ON WOOD AND METAL DOORS SPECIFY THICKNESS OF DOORS
PACKED ONE IN A BOX OR ONE PAIR IN A BOX



PUSH AND PULL BARS

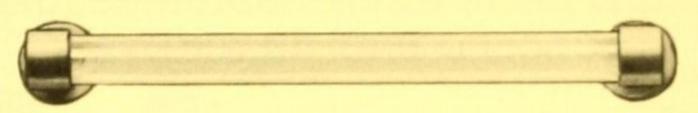
FOR 3/4" TEMPERED GLASS DOORS BRONZE AND ALUMINUM OPEN END BRACKETS



	NO. 2555	- ONE SIDE OF DOOR	- $1\frac{1}{4}$ " LUCITE
NO.	BASES	HEIGHT	CLEARANCE
2555	2"	2 15/16"	1 11/16"
2000			

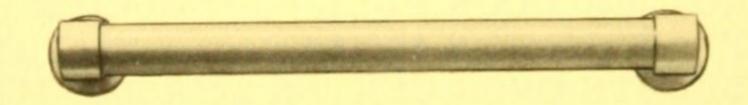
NO. 2556 - BOTH SIDES OF DOOR - $1\frac{1}{4}$ " LUCITE 2556 2" 2 15/16" 1 11/16"

CLOSED END BRACKETS



NO. 3008	NO. 3008 BASES 2"	- ONE SIDE OF DOOR - HEIGHT 2 15/16"	1 ¹ / ₄ " LUCITE CLEARANCE 1 11/16"
			A LUCE TROUBE

NO. 3006 - BOTH SIDES OF DOOR - $1\frac{1}{4}$ " LUCITE 2" 2 15/16" 1 11/16"



NO. 3009 - ONE SIDE OF DOOR - $1\frac{1}{4}$ " METAL BASES HEIGHT CLEARANCE 2" $2 \cdot 15/16$ " $1 \cdot 11/16$ "

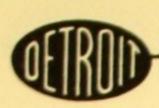
NO. 3007 - BOTH SIDES OF DOOR - $1\frac{1}{4}$ " METAL 2" $2 \cdot 15/16$ " $1 \cdot 11/16$ "

OPEN END BRACKETS - 3" OVER CENTER MEASUREMENT CLOSED END BRACKETS - 3" OVER CENTER MEASUREMENT SUGGESTED CENTER MEASUREMENT $14\frac{1}{2}$ "

REGULAR FINISHES - AL-ALUMILITED ALUMINUM, US10-DULL BRONZE AND US26D-DULL CHROME

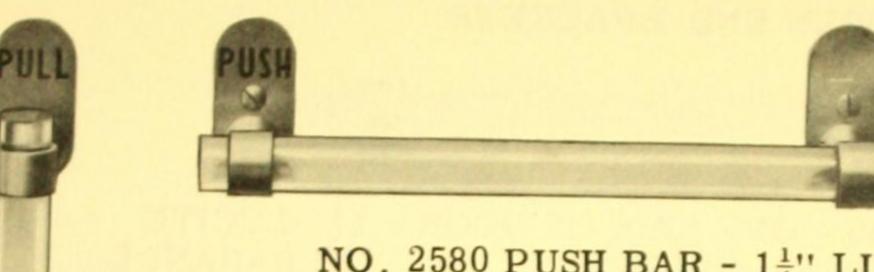
ABOVE BARS MAY BE USED ON WOOD OR METAL DOORS - SPECIFY THICKNESS OF DOORS

PACKED ONE IN A BOX OR ONE PAIR IN A BOX



PUSH AND DOOR PULL SETS

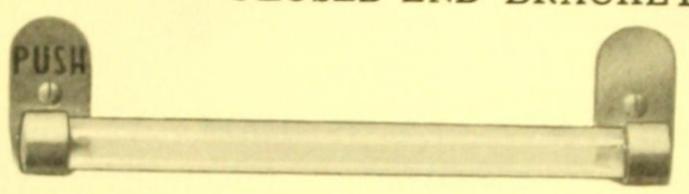
FOR 3/4" TEMPERED GLASS DOORS
OPEN END BRACKETS



SET NO. 3003 RH
PUSH BAR NO. 2580
DOOR PULL NO. 2593

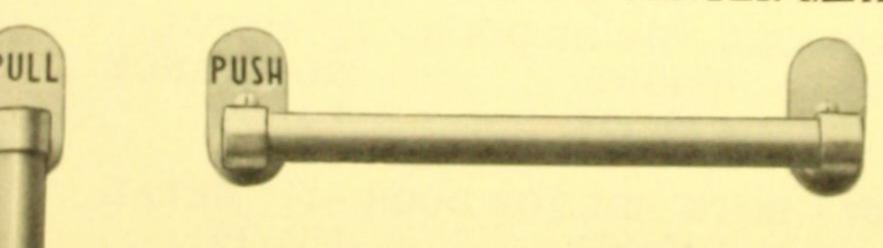
NO. 2580 PUSH BAR - $1\frac{1}{4}$ " LUCITE - ONE SIDE OF DOOR NO. BASES HEIGHT CLEARANCE 2580 2" x 4" 2 15/16" 1 11/16" NO. 2593 DOOR PULL - $1\frac{1}{4}$ " LUCITE - ONE SIDE OF DOOR 2593 2" x 4" 2 15/16" 1 11/16" LENGTH OVER CENTER MEASUREMENT 2"

CLOSED END BRACKETS



SET NO. 3026 RH
PUSH BAR NO. 3016
DOOR PULL NO. 3020

NO. 3016 PUSH BAR - $1\frac{1}{4}$ " LUCITE - ONE SIDE OF DOOR NO. BASES HEIGHT CLEARANCE 3016 2" x 4" 2 15/16" 1 11/16" NO. 3020 DOOR PULL - $1\frac{1}{4}$ " LUCITE - ONE SIDE OF DOOR 2" x 4" 2 15/16" 1 11/16" LENGTH OVER CENTER MEASUREMENT 2"



SET NO. 3027 RH
PUSH BAR NO. 3017
DOOR PULL NO. 3021

NO. 3017 PUSH BAR - 1¼" METAL - ONE SIDE OF DOOR

NO. BASES HEIGHT CLEARANCE

2" x 4" 2 15/16" 1 11/16"

NO. 3021 DOOR PULL - 1¼" METAL - ONE SIDE OF DOOR

2" x 4" 2 15/16" 1 11/16"

LENGTH OVER CENTER MEASUREMENT 2"

SUGGESTED CENTER MEASUREMENT 14½"
REGULAR FINISHES - AL-ALUMILITED ALUMINUM, US10-DULL
CHROME AND US26D-DULL CHROME

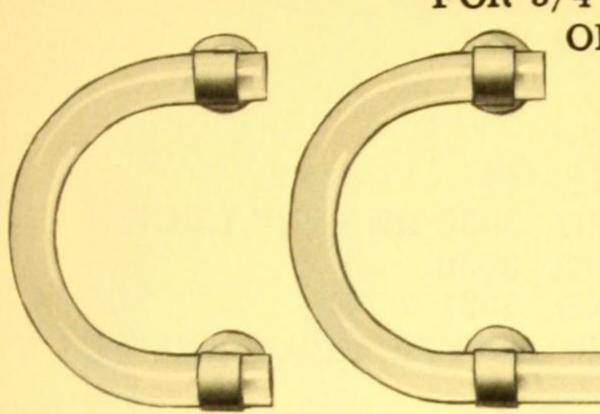
ABOVE BARS MAY BE USED ON WOOD AND METAL DOORS SPECIFY THICKNESS OF DOORS

PACKED ONE IN A BOX OR ONE SET IN A BOX



PUSH AND DOOR PULL SETS

FOR 3/4" TEMPERED GLASS DOORS
OPEN END BRACKETS



NO.

3000

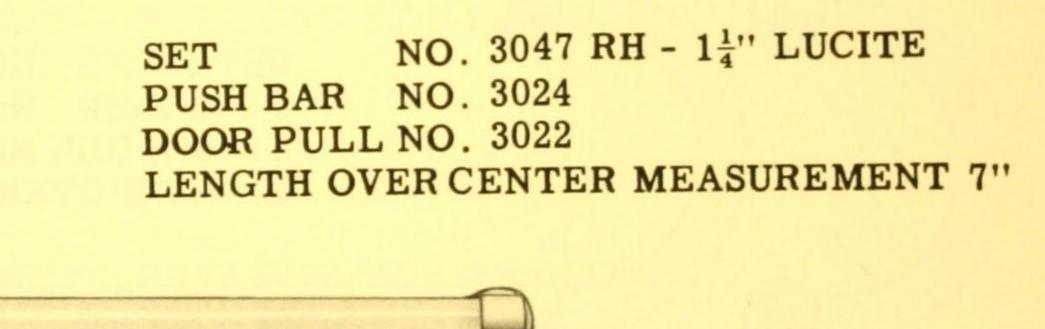
2596

SET NO. 3005 RH - 1½" LUCITE
PUSH BAR NO. 3000
DOOR PULL NO. 2596
LENGTH OVER CENTER MEASUREMENT 7"

NO. 3000 DOOR PULL - ONE SIDE OF DOOR
BASES HEIGHT CLEARANCE
2" 2 15/16" 1 11/16"

NO. 2596 DOOR PULL - ONE SIDE OF DOOR 2" 2 15/16" 1 11/16"





NO. 3024 PUSH BAR - ONE SIDE OF DOOR

NO. BASES HEIGHT CLEARANCE

2" 2 15/16" 1 11/16"

NO. 3022 DOOR PULL - ONE SIDE OF DOOR 2" 2 15/16" 1 11/16"

SUGGESTED CENTER MEASUREMENT 14½"
DOOR PULL " " 8"

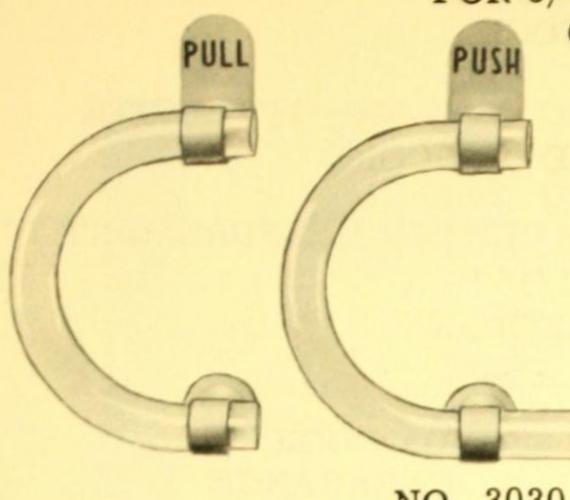
REGULAR FINISHES - AL-ALUMILITED ALUMINUM, US10-DULL BRONZE, US26D-DULL CHROME

PACKED ONE IN A BOX OR ONE SET IN A BOX



PUSH AND DOOR PULL SETS

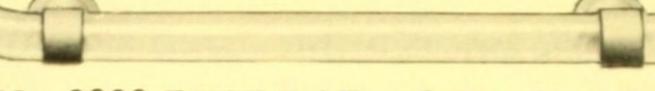
FOR 3/4" TEMPERED GLASS DOORS OPEN END BRACKETS



SET NO. 3038 RH - $1\frac{1}{4}$ " LUCITE PUSH BAR NO. 3030

DOOR PULL NO. 3031

LENGTH OVER CENTER MEASUREMENT 7"



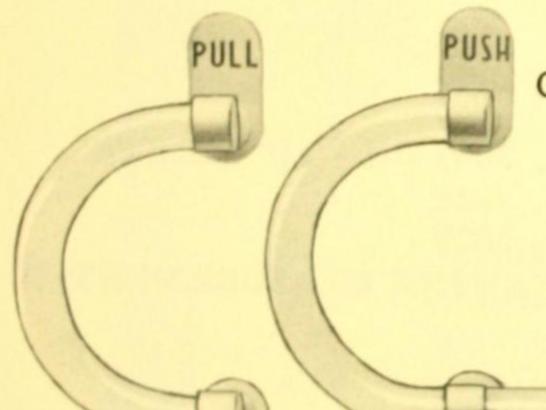
NO. 3030 PUSH BAR - ONE SIDE OF DOOR

BASES 2"

HEIGHT 2 15/16"

CLEARANCE 1 11/16"

NO. 3031 DOOR PULL - ONE SIDE OF DOOR 2 15/16" 1 11/16"



NO.

3030

3031

CLOSED END BRACKETS

SET NO. 3037 RH - $1\frac{1}{4}$ " LUCITE PUSH BAR NO. 3028 DOOR PULL NO. 3029 LENGTH OVER CENTER MEASUREMENT 7"

NO. 3028 PUSH BAR - ONE SIDE OF DOOR NO. BASES HEIGHT CLEARANCE 3028 2" 2 15/16" 1 11/16"

NO. 3029 DOOR PULL - ONE SIDE OF DOOR 3029 2" 2 15/16" 1 11/16"

SUGGESTED CENTER MEASUREMENT 141" DOOR PULL

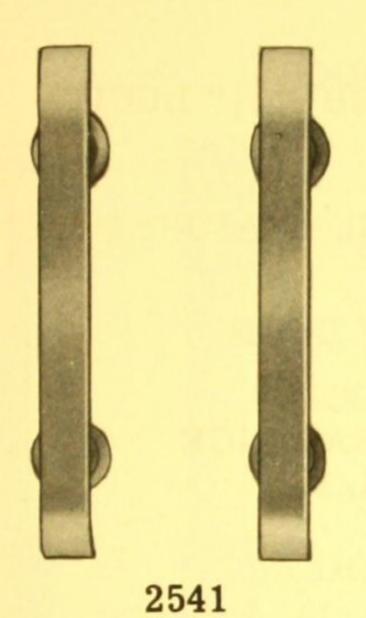
REGULAR FINISHES - AL-ALUMILITED ALUMINUM, US10 DULL BRONZE, US26D-DULL CHROME

PACKED ONE IN A BOX OR ONE SET IN A BOX



DOOR PULLS AND PUSH BARS

FOR 3/4" TEMPERED GLASS DOORS 3/8" x 1 1/4" SOLID BAR STOCK



NO. 2541 - PULL ONE SIDE OF DOOR

BASES - 2"

HEIGHT - 2 7/16"

CLEARANCE - 2 1/16"

CENTER TO CENTER - 8"

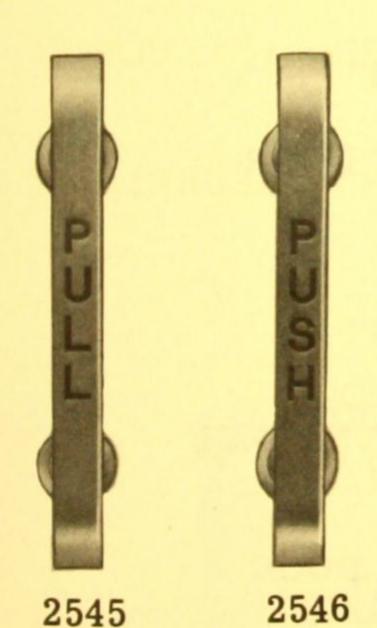
NO. 2540 - PULL BOTH SIDES OF DOOR

BASES - 2"

HEIGHT - 2 7/16"

CLEARANCE - 2 1/16"

CENTER TO CENTER - 8"



NO. 2545 - PULL ONE SIDE OF DOOR

BASES - 2"

HEIGHT - 2 7/16"

CLEARANCE - 2 1/16"

CENTER TO CENTER - 8"

NO. 2546 - PUSH ONE SIDE OF DOOR

BASES - 2"

HEIGHT - 2 7/16"

CLEARANCE - 2 1/16"

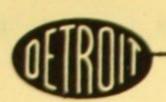
CENTER TO CENTER - 8"

PACKED ONE IN A BOX

REGULAR FINISHES - AL-ALUMILITED ALUMINUM, US10-DULL BRONZE, US26D-DULL CHROME

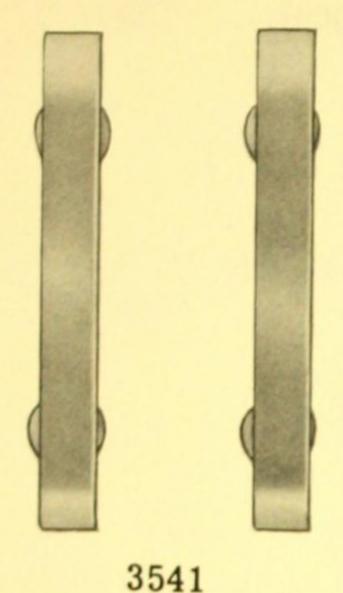
ABOVE PULLS MAY BE USED ON WOOD AND METAL DOORS - SPECIFY THICKNESS OF DOORS

OTHER LENGTHS MAY BE HAD UPON ORDER



DOOR PULLS AND PUSH BARS

FOR 3/4" TEMPERED GLASS DOORS 3/8" x 1 1/2" SOLID BAR STOCK



NO. 3541 - PULL ONE SIDE OF DOOR

BASES - 2"

HEIGHT - 2 7/16"

CLEARANCE - 2 1/16"

CENTER TO CENTER - 8"

NO. 3540 - PULL BOTH SIDES OF DOOR

BASES - 2"

HEIGHT - 2 7/16"

CLEARANCE - 2 1/16"

CENTER TO CENTER - 8"



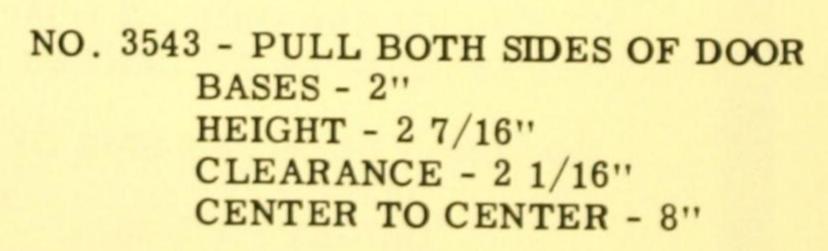
NO. 3542 - PULL ONE SIDE OF DOOR

BASES - 2"

HEIGHT - 2 7/16"

CLEARANCE - 2 1/16"

CENTER TO CENTER - 8"



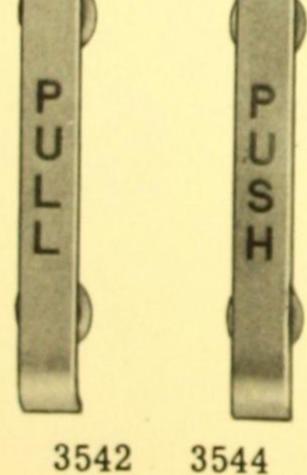
NO. 3544 - PUSH ONE SIDE OF DOOR

BASES - 2"

HEIGHT - 2 7/16"

CLEARANCE - 2 1/16"

CENTER TO CENTER - 8"



NO. 3545 - PUSH BOTH SIDES OF DOOR

BASES - 2"

HEIGHT - 2 7/16"

CLEARANCE - 2 1/16"

CENTER TO CENTER - 8"

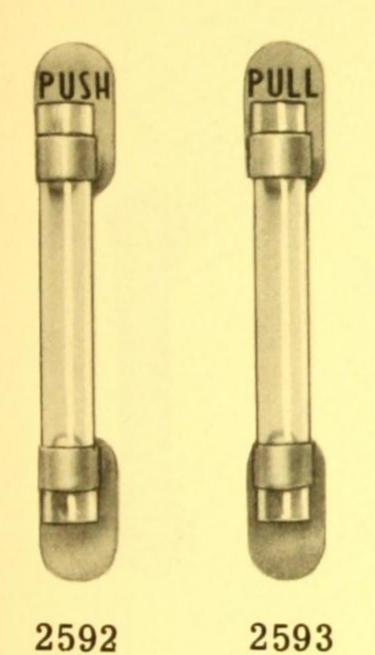
REGULAR FINISHES - AL-ALUMILITED ALUMINUM, US10 - DULL BRONZE, US26D - DULL CHROME

A BOVE PULLS MAY BE USED ON WOOD AND METAL DOORS OTHER LENGTHS MAY BE HAD UPON ORDER



DOOR PULLS AND PUSH BARS

FOR 3/4" TEMPERED GLASS DOORS



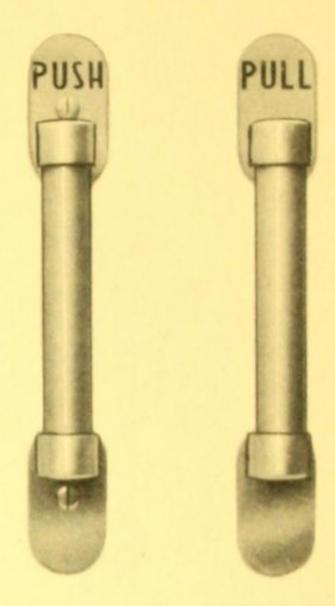
OPEN END BRACKETS - LUCITE

NO. 2592 - PUSH - ONE SIDE OF DOOR NO. 2593 - PULL - ONE SIDE OF DOOR

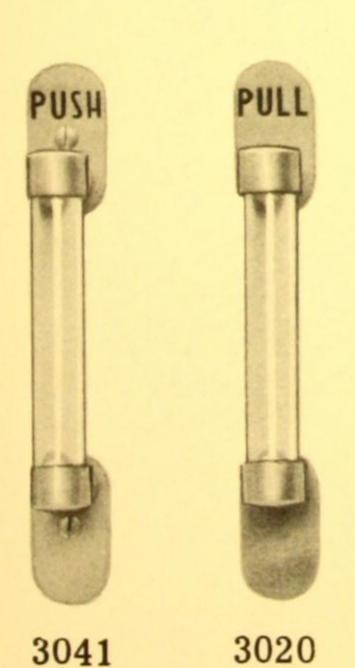
CLOSED END BRACKETS - METAL

NO. 3040 - PUSH - ONE SIDE OF DOOR NO. 3021 - PULL - ONE SIDE OF DOOR

Bases - 2" x 4"
Height - 2 15/16"
Clearance - 11/16"
Center to Center - 10"
Packed One in a Box



3040 3021

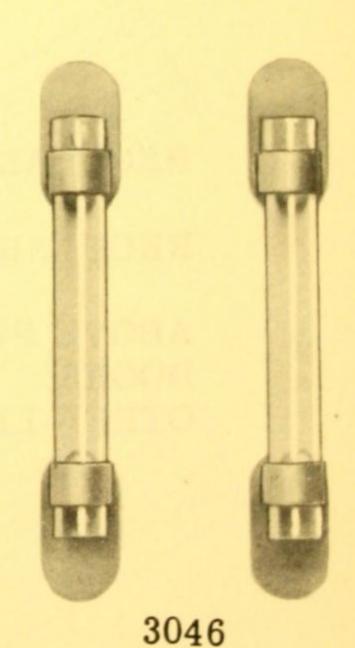


OPEN END BRACKETS - LUCITE

NO. 3046 - BLANK ONE SIDE OF DOOR

CLOSED END BRACKETS

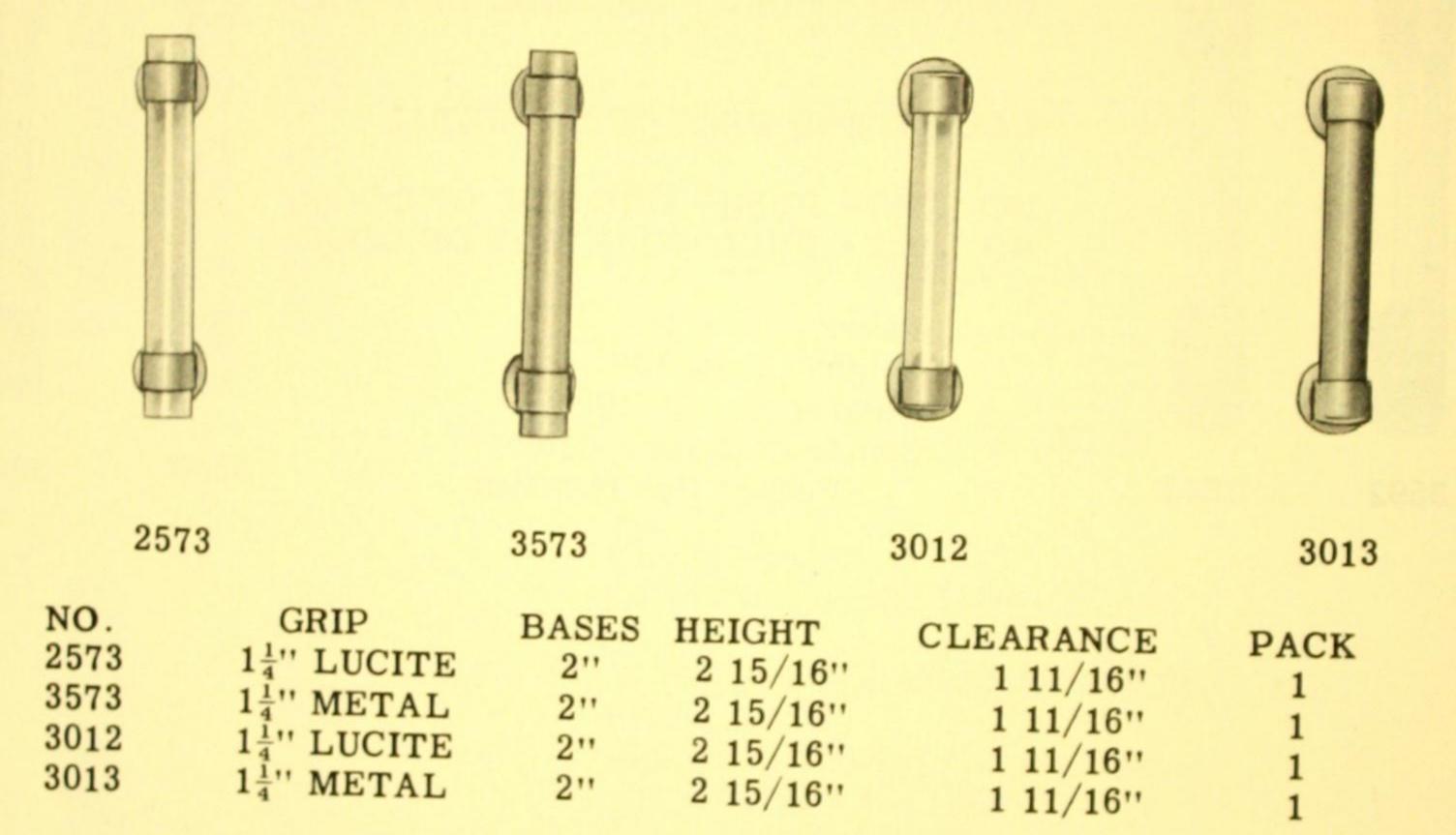
NO. 3041 - PUSH ONE SIDE OF DOOR
NO. 3020 - PULL ONE SIDE OF DOOR
Bases 2" x 14"
Height - 2 15/16"
Clearance - 1 11/16"
Center to Center - 10"
Packed One in a Box





DOOR PULLS

FOR 3/4" TEMPERED GLASS DOORS



REGULAR CENTER TO CENTER MEASUREMENT 8"

REGULAR FINISH - AL - ALUMILITED ALUMINUM

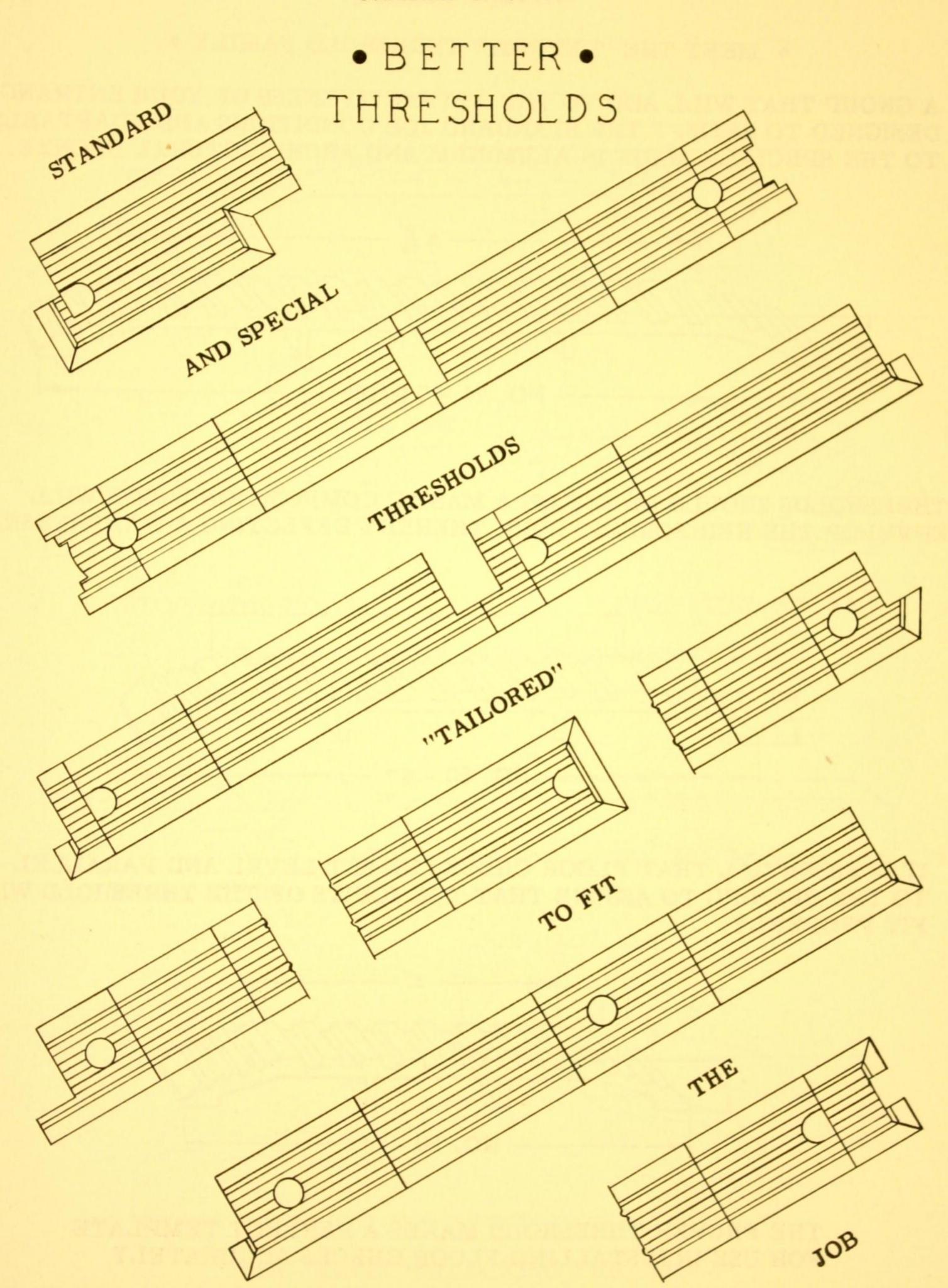
ABOVE PULLS MAY BE USED ON WOOD OR METAL

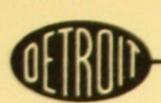
DOORS.

OTHER LENGTHS MAY BE HAD UPON ORDER.

PACKED ONE IN A BOX

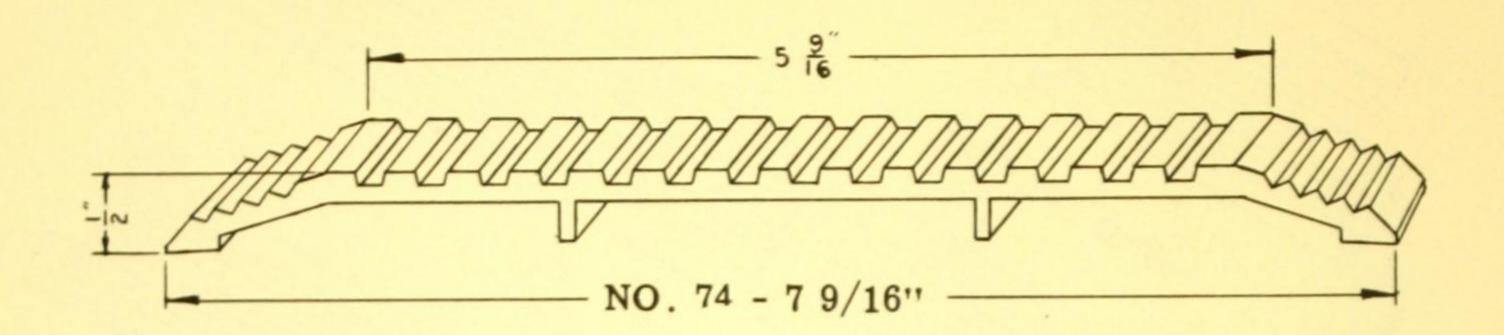




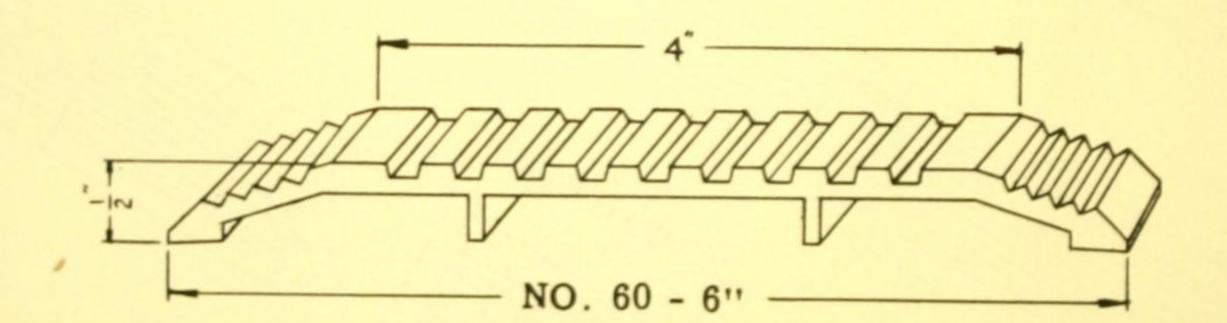


. MEET THE 'DETROIT" THRESHOLD FAMILY .

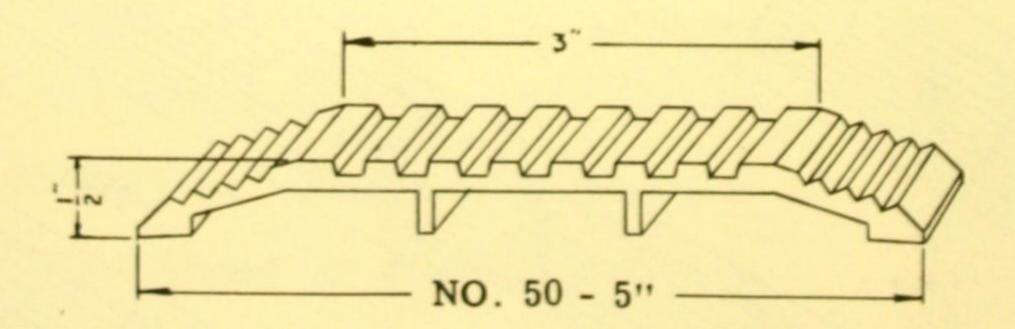
A GROUP THAT WILL ADD TO THE ATTRACTIVENESS OF YOUR ENTRANCE DESIGNED TO SATISFY THE STANDARD JOB CONDITIONS AND ADAPTABLE TO THE SPECIAL. MADE IN ALUMINUM AND ARCHITECTURAL BRONZE.



THRESHOLDS SHOULD BE SET ON A MASTIC COMPOSITION WHICH WILL ENVELOP THE REINFORCING RIBS, THEREBY EFFECTING A WEATHERSEAL

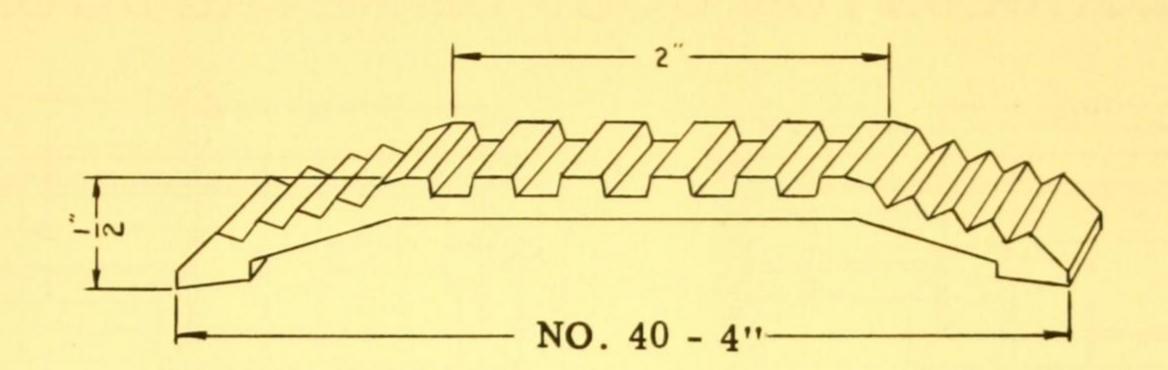


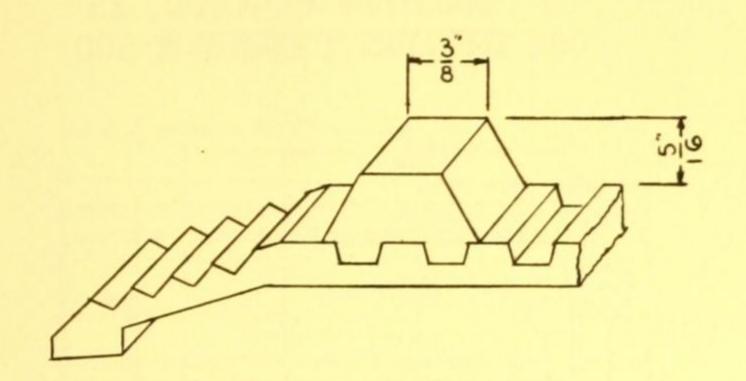
IT IS ESSENTIAL THAT FLOOR CHECKS BE SET LEVEL AND PARALLEL TO THE OPENING TO ASSURE THAT THE JOINTS OF THE THRESHOLD WILL FIT PROPERLY.

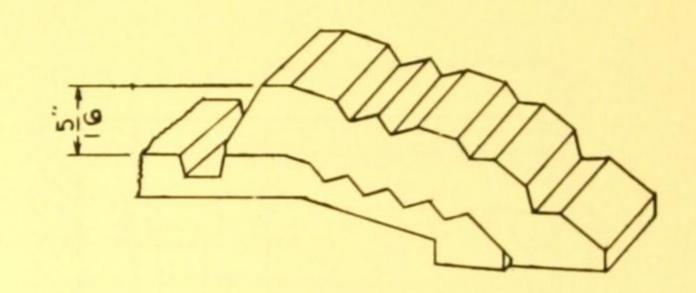


THE PROPER THRESHOLD MAKES A PERFECT TEMPLATE FOR USE IN INSTALLING FLOOR CHECKS ACCURATELY





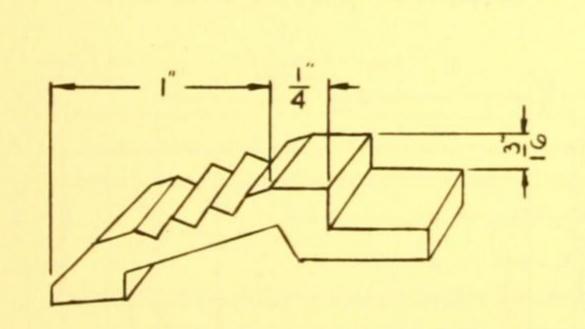


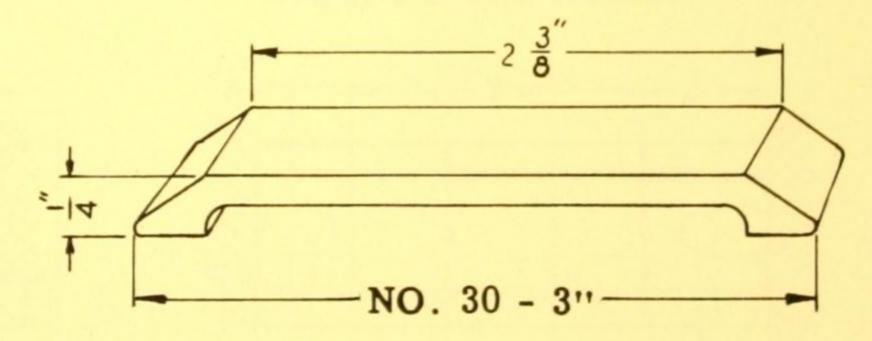


STOP STRIP NO. 56

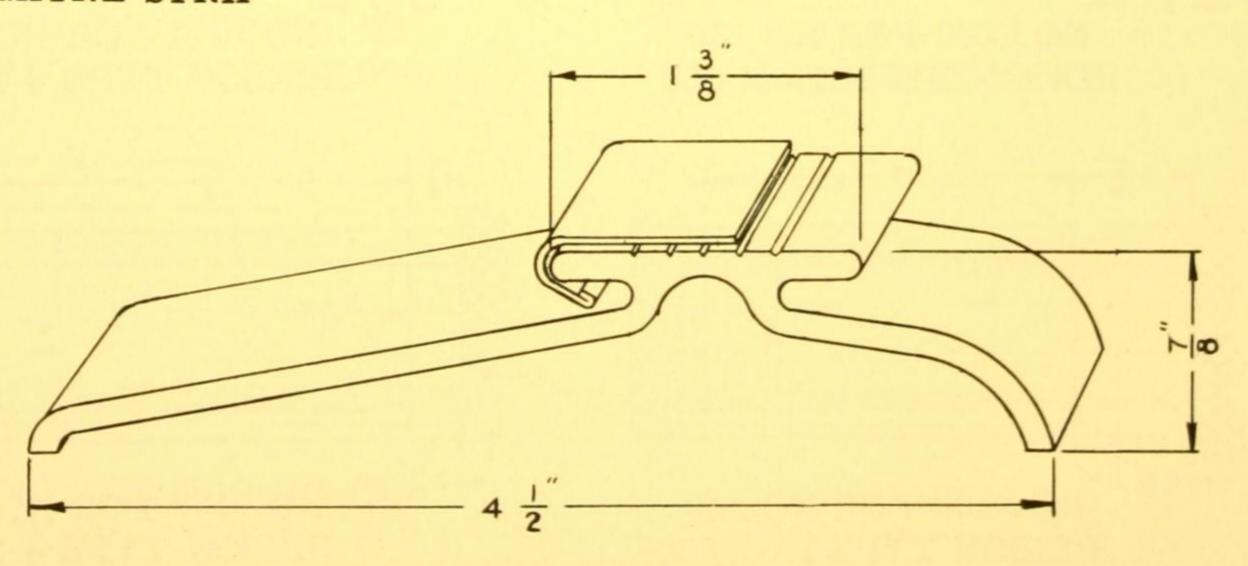
STOP STRIP NO. 55

THEY INTERLOCK WITH THE THRESHOLD





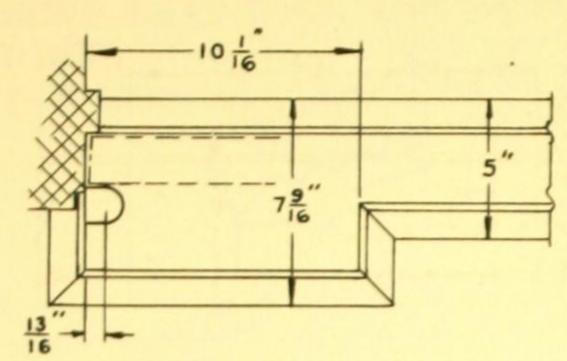
MITRE STRIP



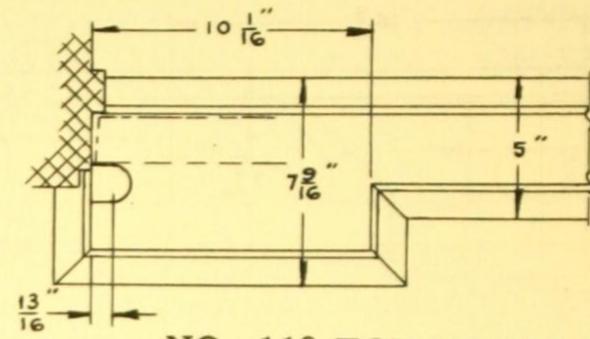
NO. 425 INTERLOCKING THRESHOLD



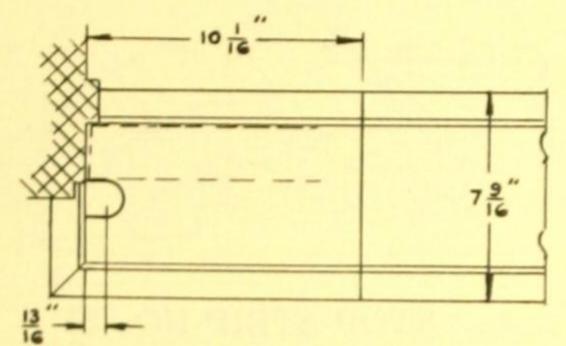
• THRESHOLDS FOR WOOD OR METAL DOORS •



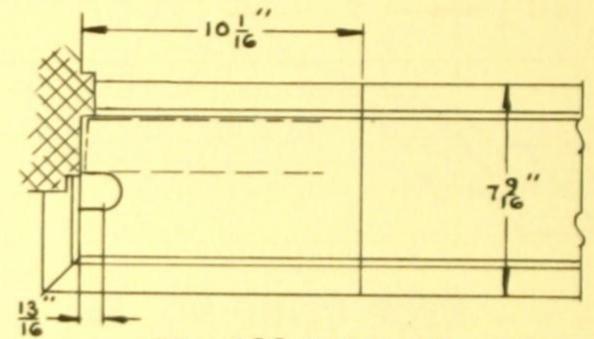
NO. 117 FOR NO. 20 RIXSON TYPE 5 X 500



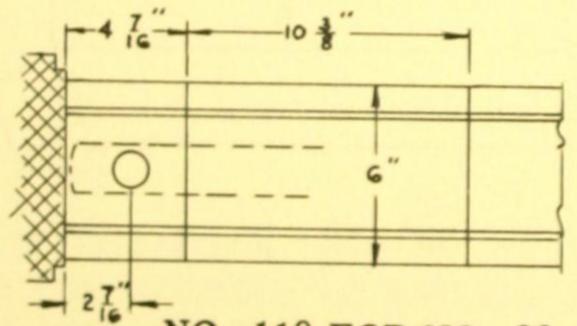
NO. 119 FOR NO. 25 RIXSON TYPE 5 X 500



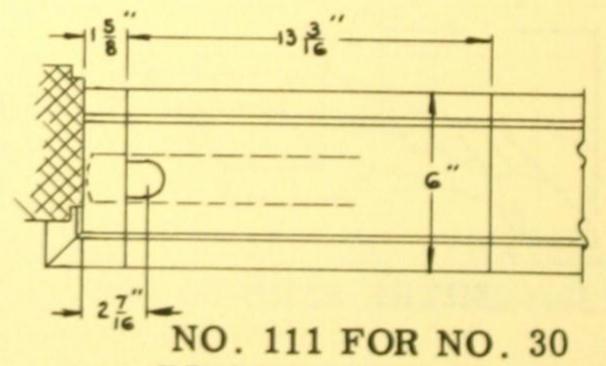
NO. 122 FOR NO. 20 RIXSON TYPE 3 X 800



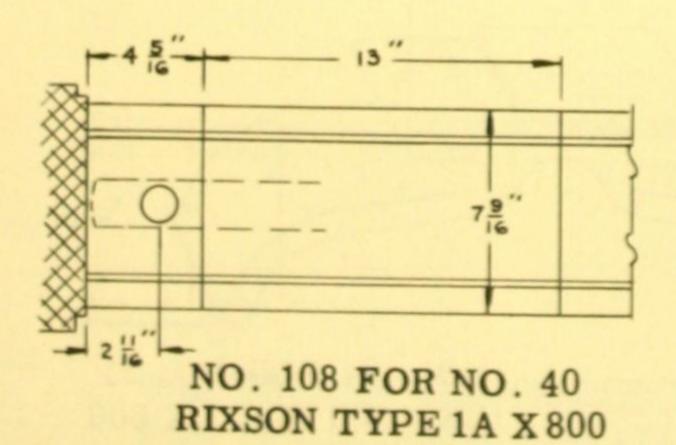
NO. 123 FOR NO. 25 RIXSON TYPE 3 X 800

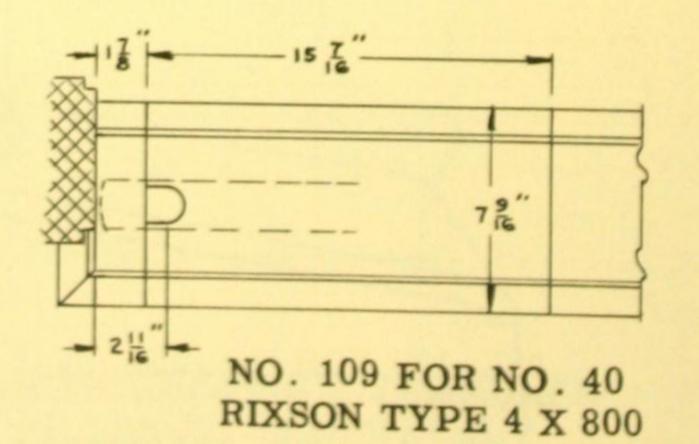


NO. 110 FOR NO. 30 RIXSON TYPE 1A X 600



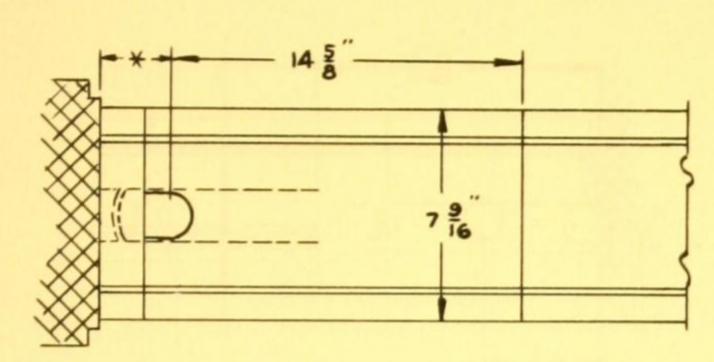
RIXSON TYPE 4 X 600



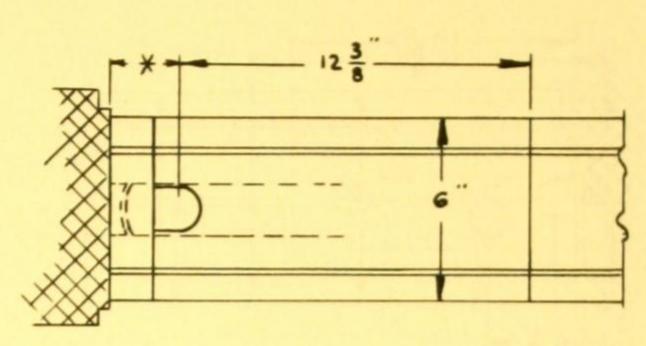




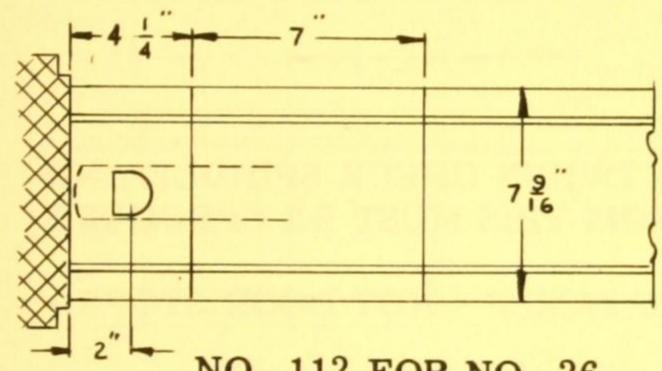
• THRESHOLDS FOR WOOD OR METAL DOORS •



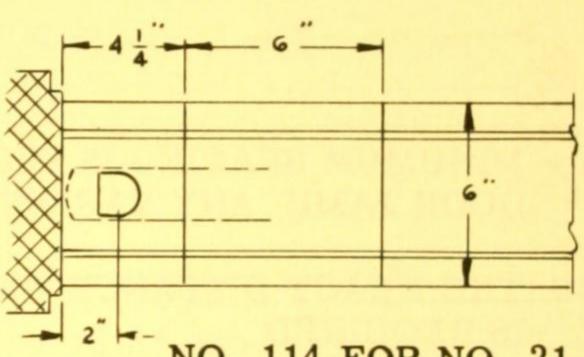
NO. 116 FOR NO. 40 RIXSON TYPE 1 X 800



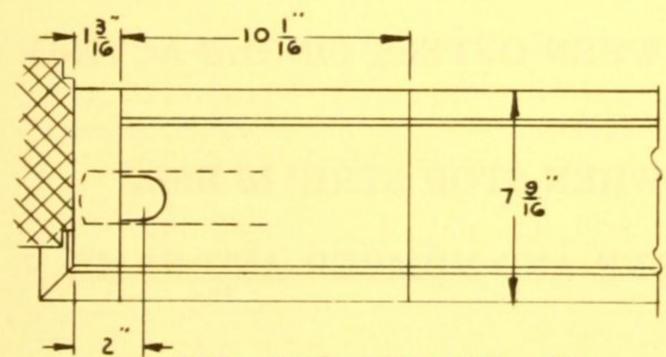
NO. 118 FOR NO. 30 RIXSON TYPE 4 X 600



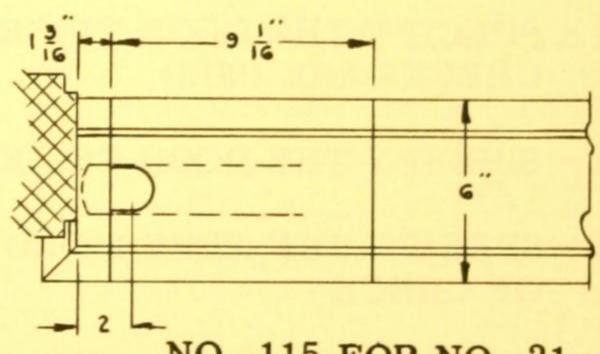
NO. 112 FOR NO. 26 RIXSON TYPE 1A X 800



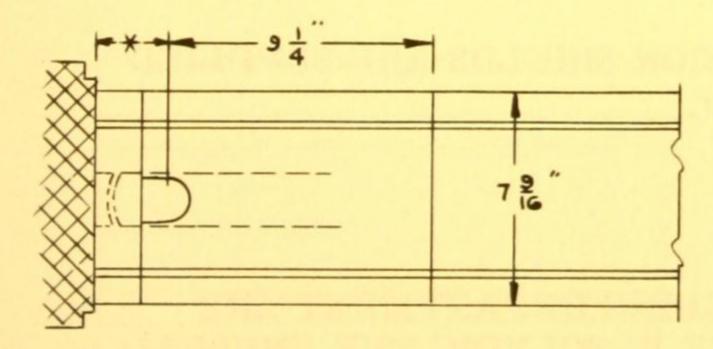
NO. 114 FOR NO. 21 RIXSON TYPE 1A X 600



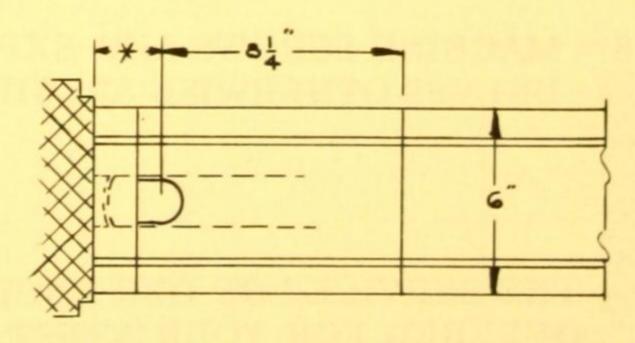
NO. 113 FOR NO. 26 RIXSON TYPE 4 X 800



NO. 115 FOR NO. 21 RIXSON TYPE 4 X 600



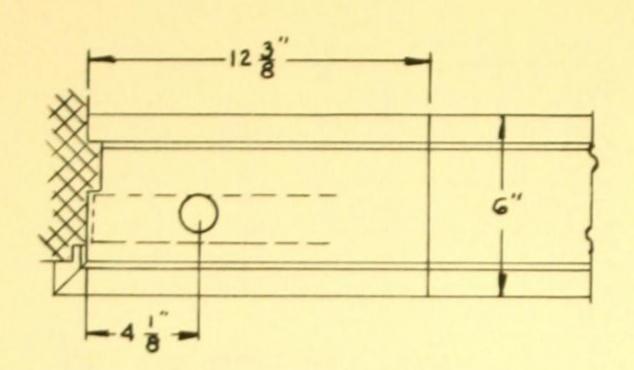
NO. 120 FOR NO. 26 RIXSON TYPE 1 X 800



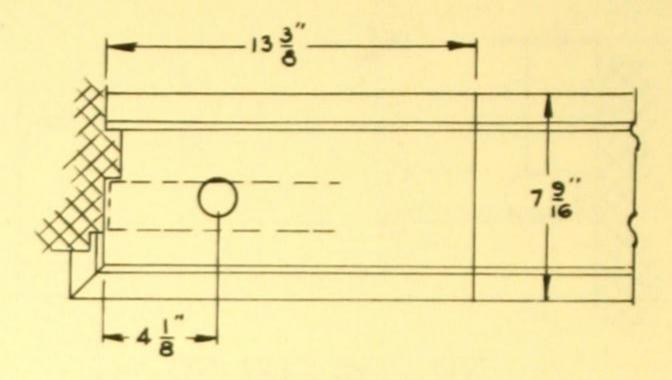
NO. 121 FOR NO. 21 RIXSON TYPE 1 X 600



• THRESHOLDS FOR WOOD OR METAL DOORS •



NO. 124 FOR NO. 321 RIXSON TYPE 4A X 600



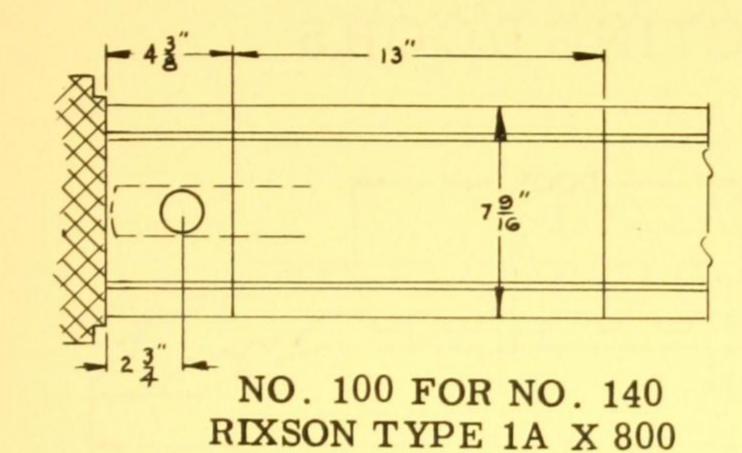
NO. 125 FOR NO. 326 RIXSON TYPE 4A X 800

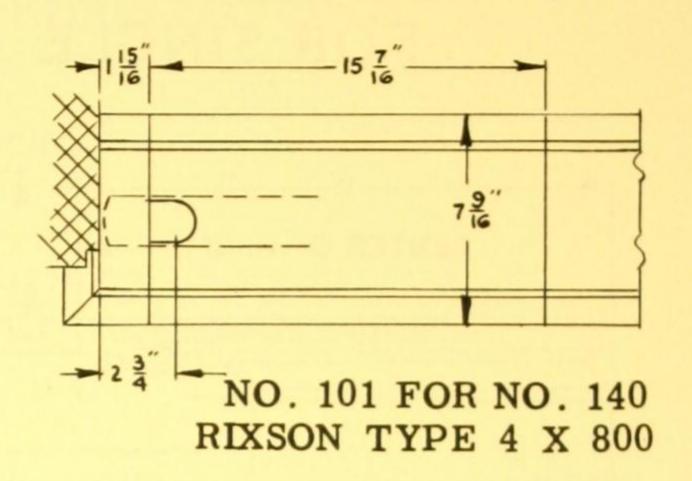
- 1 MINUMUM SPACING IS SHOWN BETWEEN CHECK SPINDLE AND DOOR JAMB ANY VARIATION FROM THIS MUST BE SPECIFIED
- 2 THE EXACT DISTANCE BETWEEN JAMBS NOT DOOR STOPS IS REQUIRED
- 3 SPECIFY THE HAND OF DOOR
- 4 SPECIFY THE DOOR THICKNESS WHEN OFFSET SINGLE ACTING CHECKS ARE USED
- 5 SPECIFY THE DOOR THICKNESS WHEN STOP STRIP IS USED
- 6 SPECIFY THE THRESHOLD NUMBER AND NUMBER AND NAME OF CHECK
- 7 WHEN CUTOUTS OF ANY KIND ARE REQUIRED IN THRESHOLDS A FULL SIZE DETAIL SHOULD ACCOMPANY THE ORDER
- 8 MACHINE SCREWS AND EXPANSION SHIELDS ARE SUPPLIED UNLESS OTHERWISE SPECIFIED.

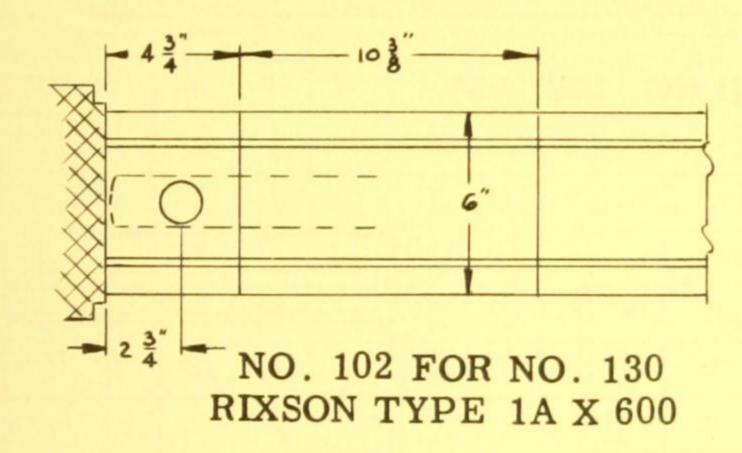
THE SERVICES OF OUR ENGINEERING DEPARTMENT ARE OFFERED FOR YOUR ASSISTANCE IN SOLVING THE UNUSUAL THRESHOLD PROBLEMS THAT OCCASIONALLY ARISE

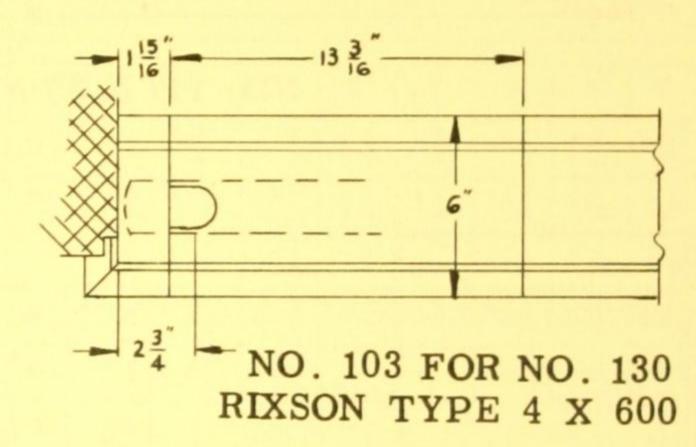


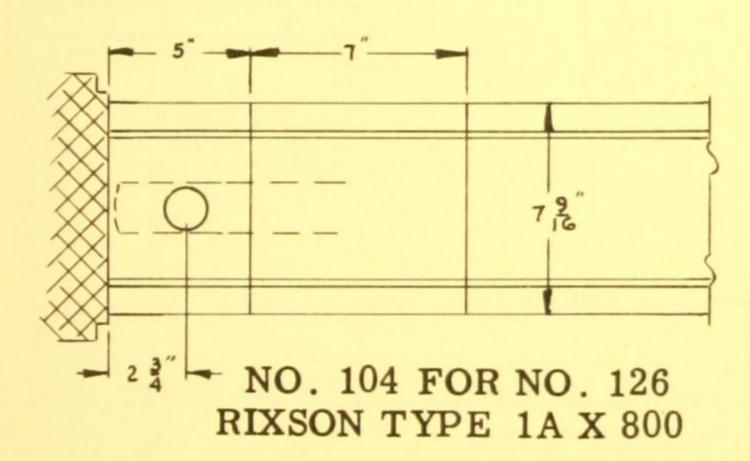
• THRE SHOLDS FOR TEMPERED GLASS DOORS •

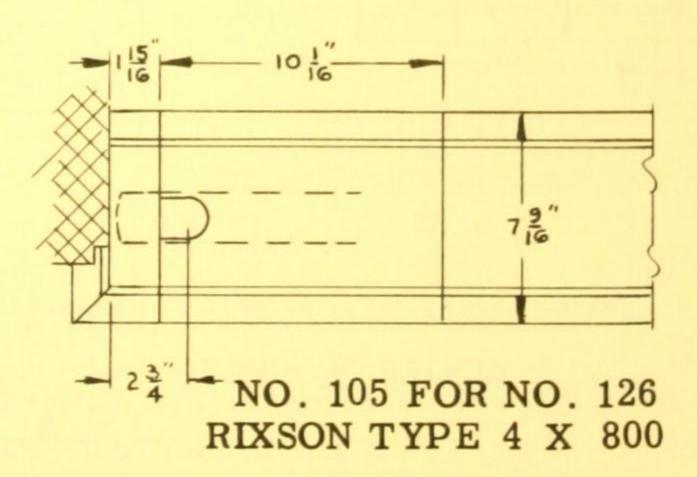


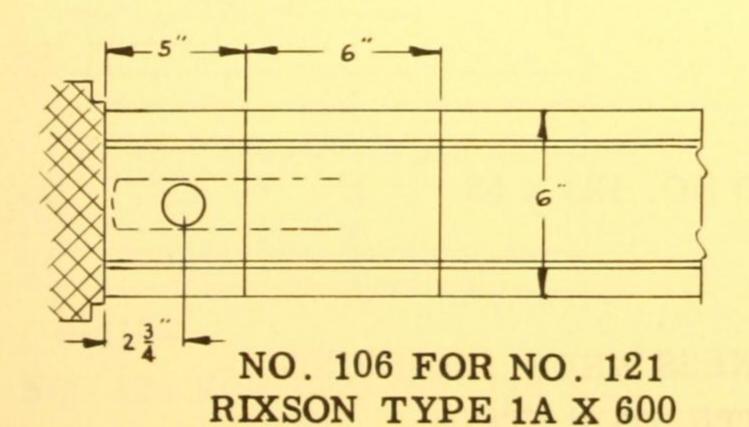


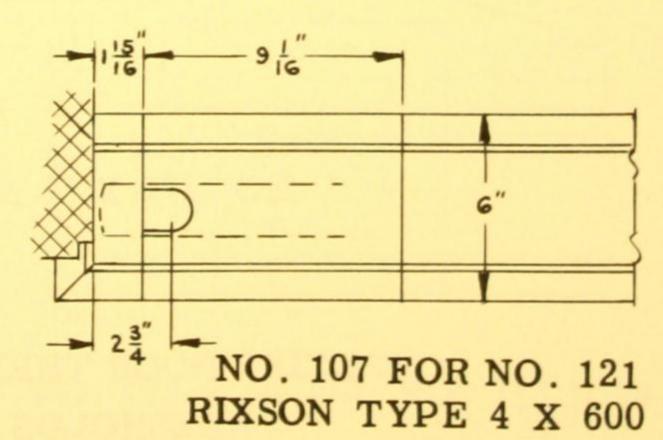






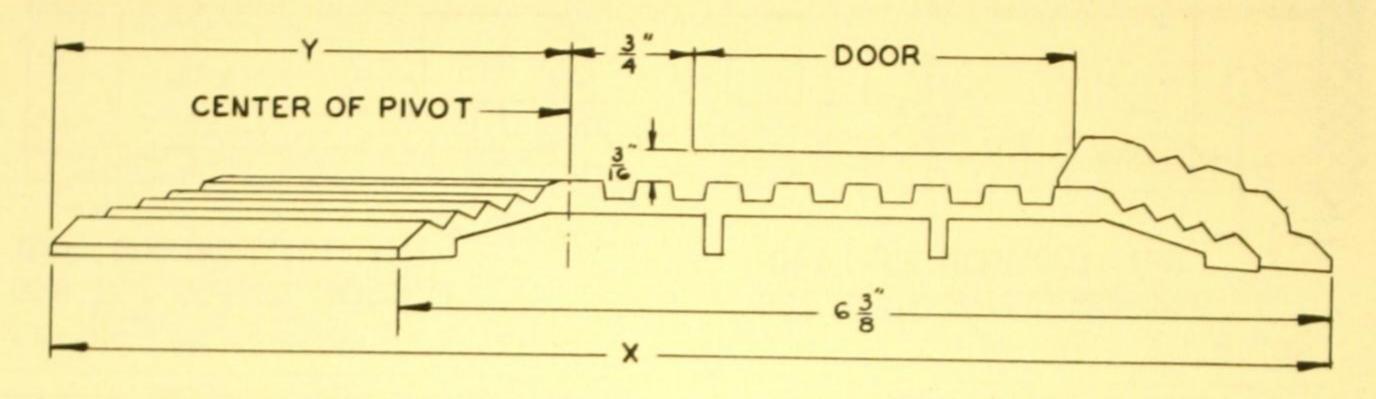




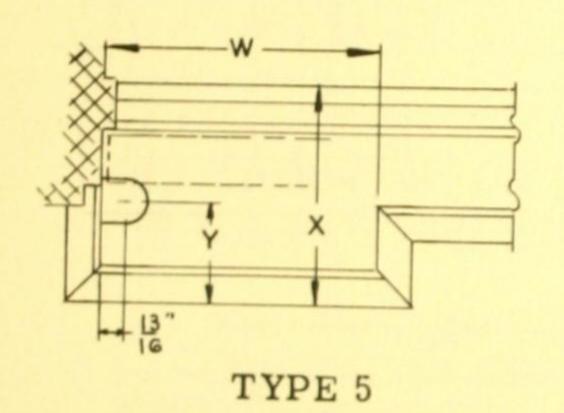




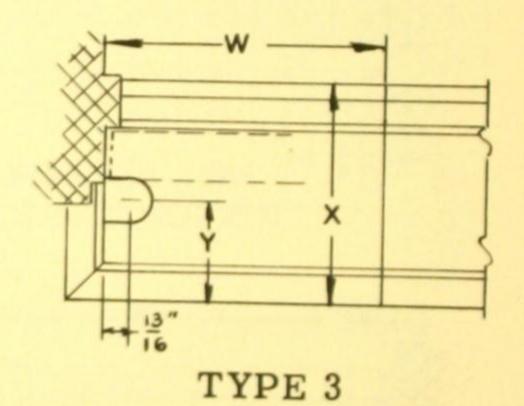
• THRESHOLDS WITH NO.55 STOP STRIP • FOR SINGLE ACTING DOORS

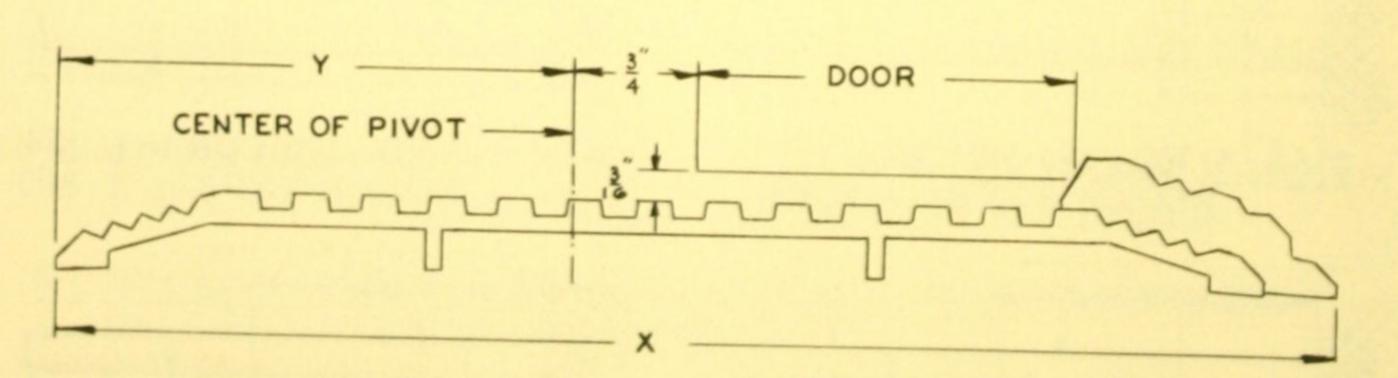


NO. 117 X 55 AND NO. 119 X 55



DOOR	W	Х	Y
134	1016	8	3 29
2 4	1016	8	3 13 32
2 1/2	1016	8	35
23	1016	8	316



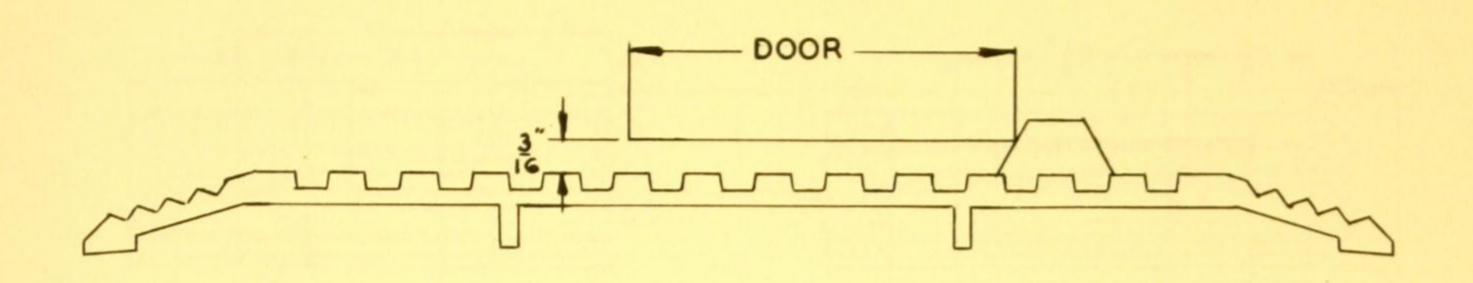


NO. 122 X 55 AND NO. 123 X 55

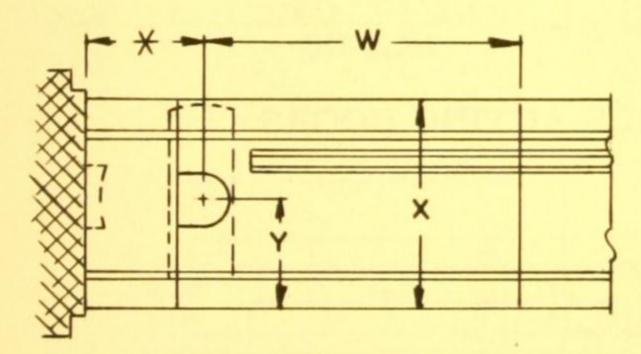
SPECIFY DOOR THICKNESS WHEN ORDERING
THRESHOLDS WITH STOP STRIP



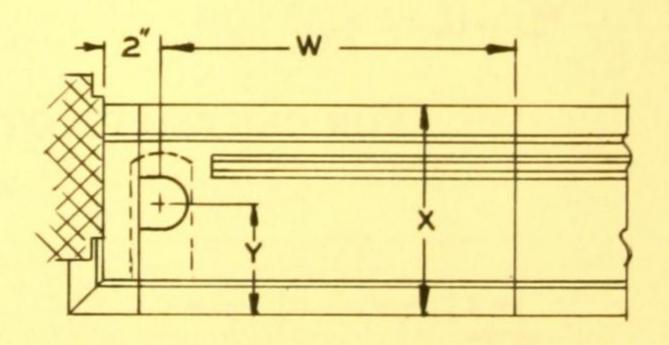
• THRESHOLDS WITH NO.56 STOP STRIP • FOR SINGLE ACTING DOORS



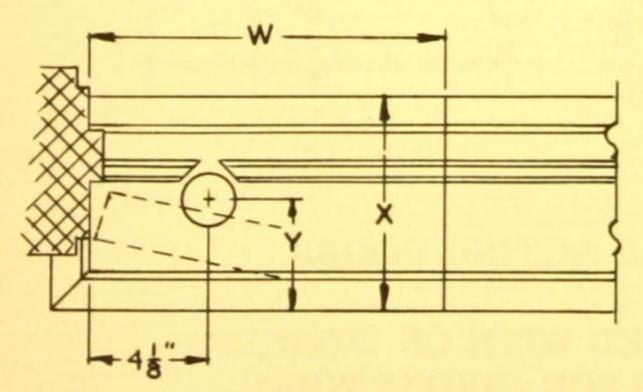
	NO.	112,1	13	NO.	114,	115		10.12	0	1941	NO. 12	21		NO.12	4		NO. 12	25
DOOR	w	X	Y	w	×	Y	w	X	Y	w	X	Y	w	X	Y	w	×	Υ
1 3 4	9 4	79	3 3 4	81	7 %	3 3 4	9 1/4	7 %	3 3 4	84	72	3 3	123	7 %	33	13 3	72	3 3 4
2	91	7 %	3 8	8 4	79	3 &	9 4	7 %	3 5	81	79	35	123	79	35	13 8	72	3 5
24	91	79	3 7 8	84	79	37	9 4	7%	3 7	84	79	3 7	12 g	73	37	133	79	378
2 1/2	94	7%	33	84	79	33	91	79	334	84	79	334	123	7 9	3 3	133	79	33
234	914	79	358	84	79	35	91	79	35	81	79	35	123	79	4	13 g	37	4



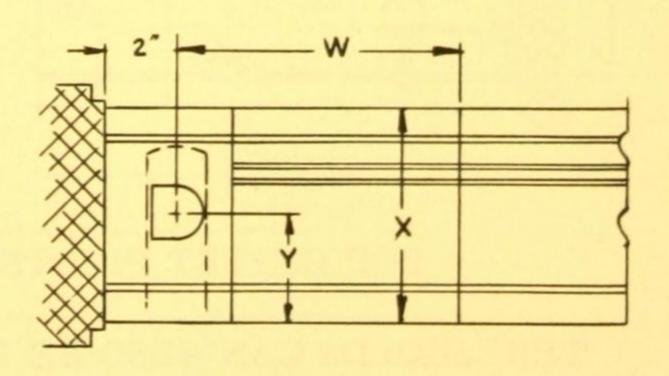
NO. 120 X 56 AND NO. 121 X 56



NO. 113 X 56 AND NO. 115 X 56



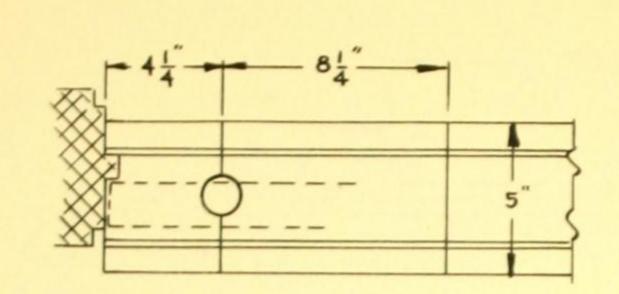
NO. 124 X 56 AND NO. 125 X 56

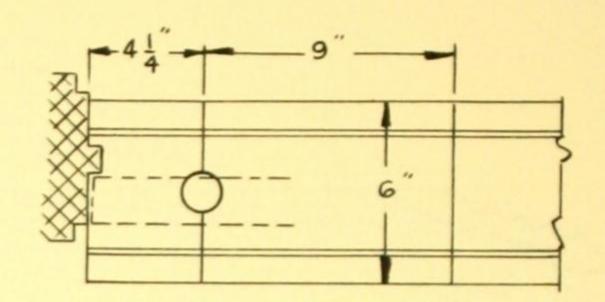


NO. 112 X 56 AND NO. 114 X 56

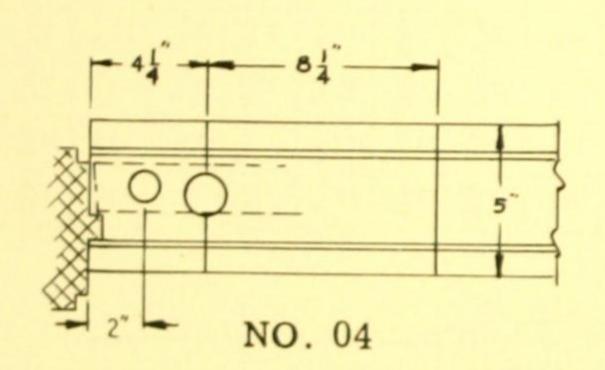


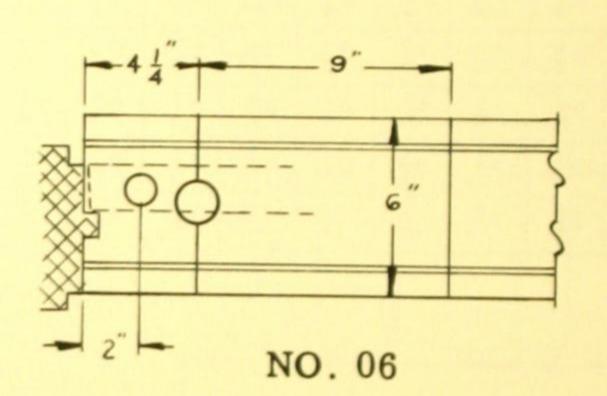
• THRESHOLDS FOR LCN DOOR CLOSERS •



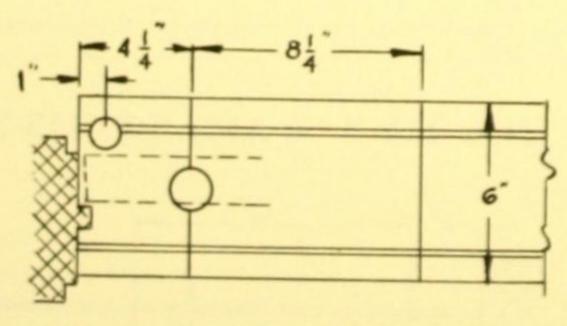


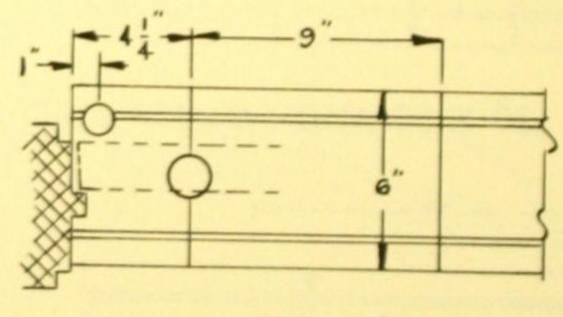
NO. 4 NO. 6
FOR SINGLE ACTING DOORS HUNG ON BUTTS





FOR CENTER PIVOTED SINGLE ACTING DOORS





NO. 14

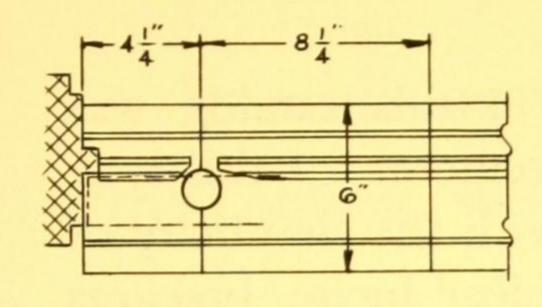
NO. 16

FOR OFFSET PIVOTED SINGLE ACTING DOORS

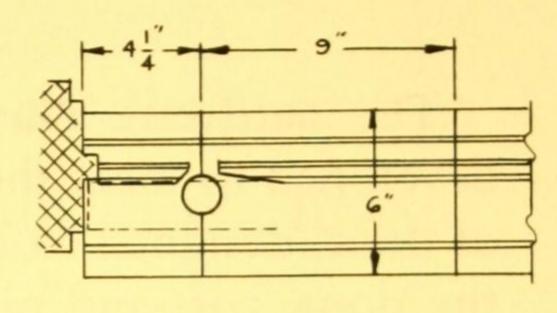
THRESHOLDS CAN ALSO BE FURNISHED WITH OR WITHOUT NO. 56 STOP STRIP AND WITH HOLES FOR PIVOTS WHEN OVERHEAD CLOSERS ARE USED. SPECIFY DOOR THICKNESS AND DISTANCE BETWEEN JAMB AND CENTER OF PIVOT.



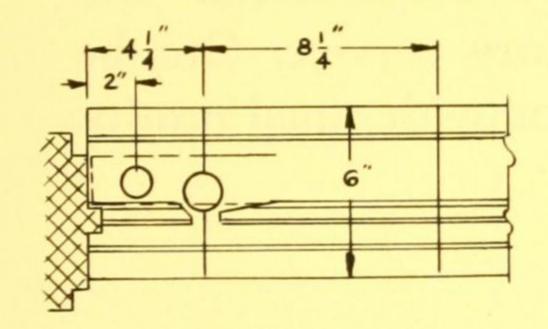
• THRESHOLDS WITH NO. 56 STOP STRIP • FOR LCN DOOR CLOSERS



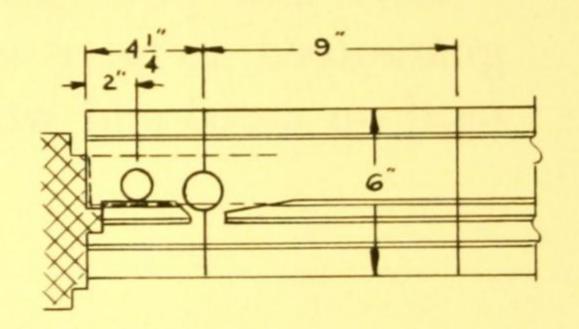
NO. 4 x 56



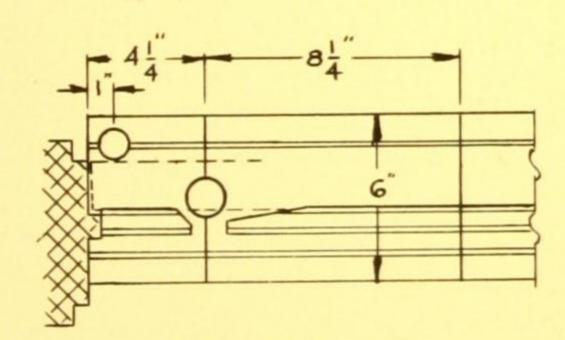
NO. 6 x 56



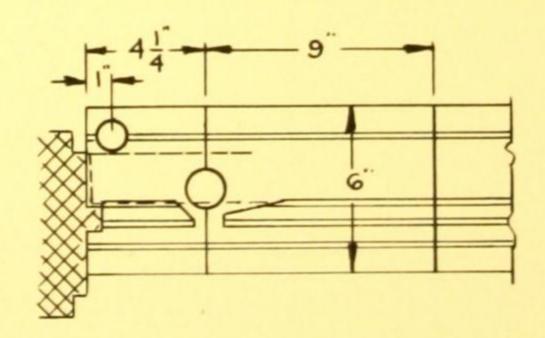
NO. 04 x 56



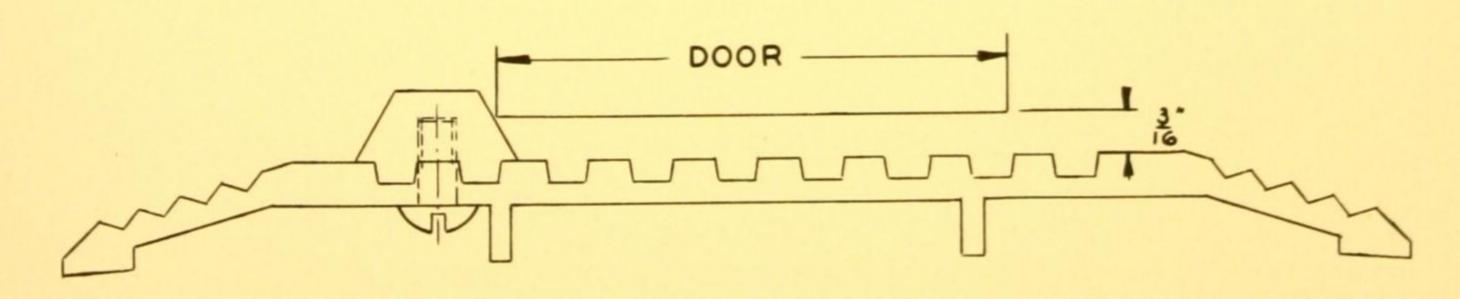
NO. 06 x 56



NO. 14 X 56



NO. 16 x 56

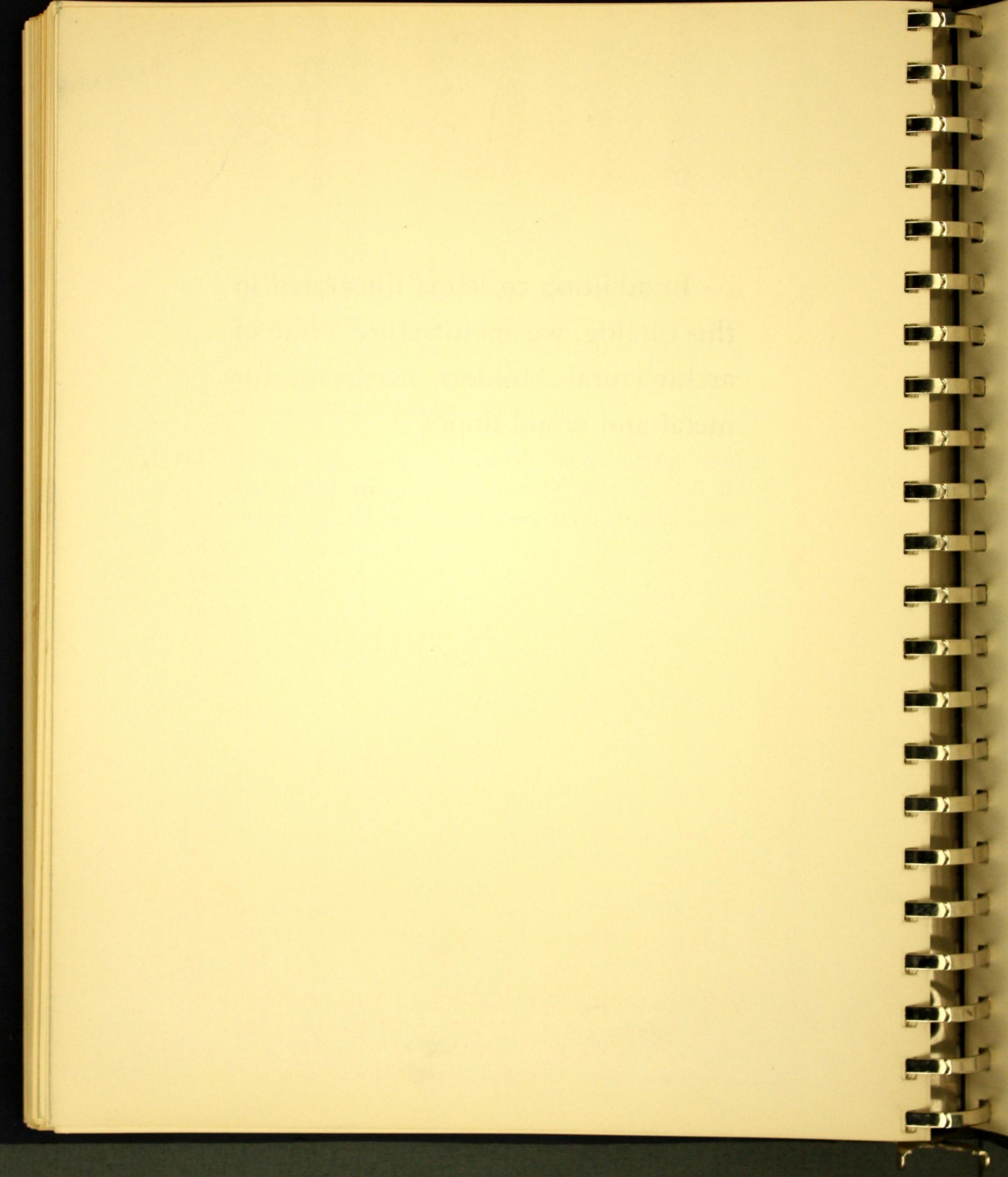


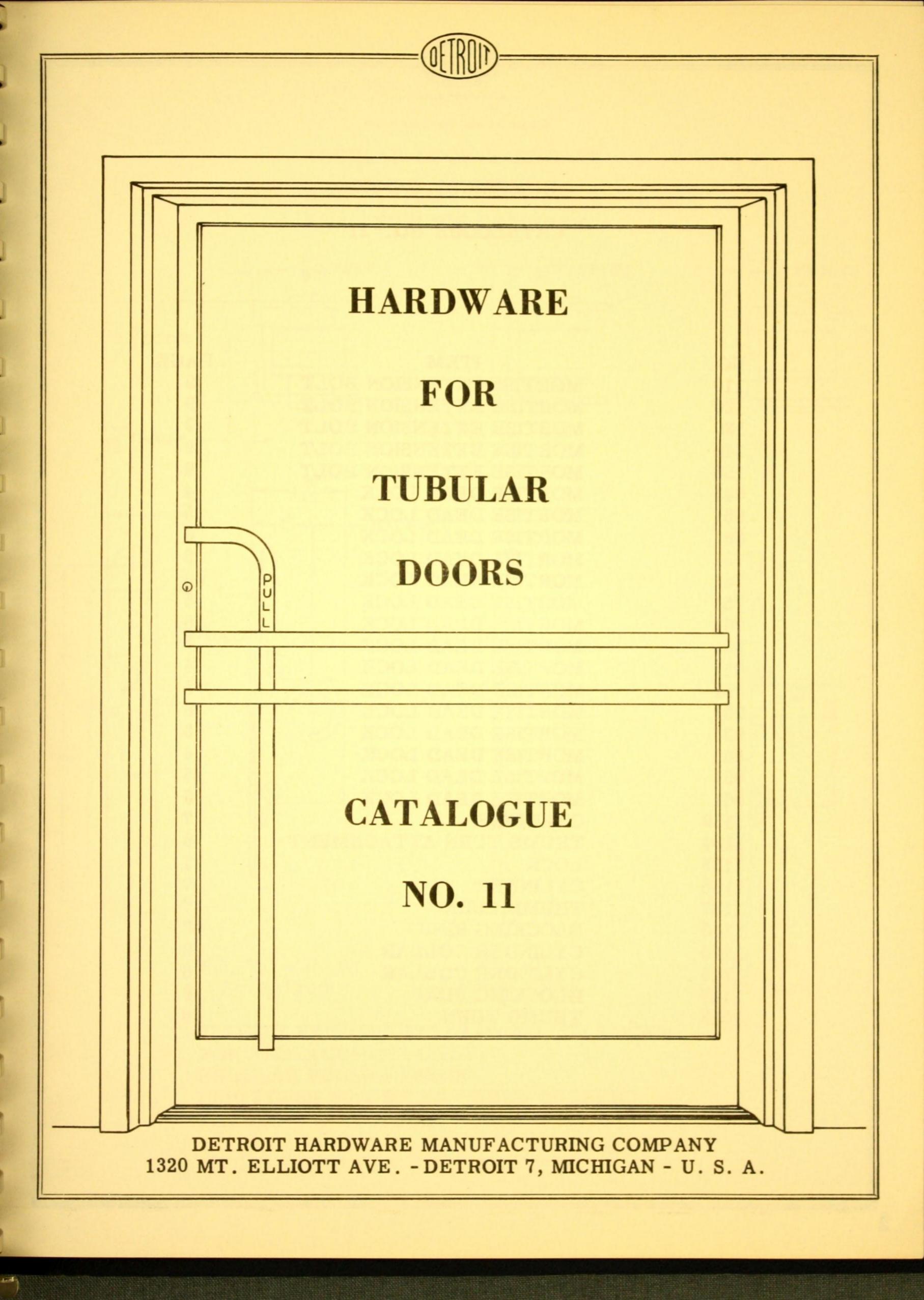
SPECIFY DOOR THICKNESS WHEN ORDERING
THRESHOLDS WITH STOP STRIP

The hardware illustrated in this catalog was developed to meet the requirements for this type of door, designed to blend with the simplicity of the door, bars and pulls of clear lucite, brackets of cast bronze or aluminum.

Bars and pulls are sturdy construction and guaranteed to give satisfactory service. Can be used on metal and wood door with equal results.

In addition to items illustrated in this catalog, we manufacture a line of architectural builders hardware for metal and wood doors.







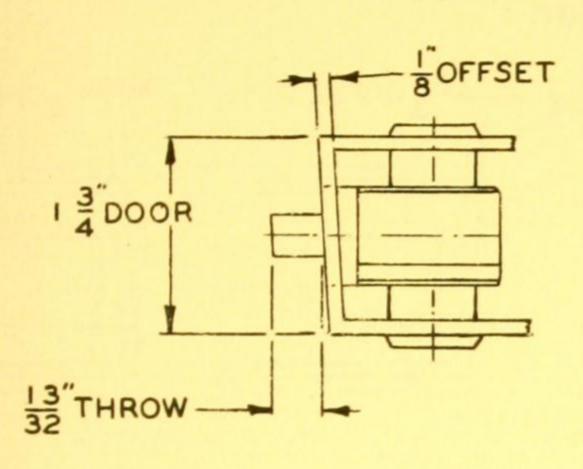
NUMERICAL INDEX CATALOGUE NO. 11

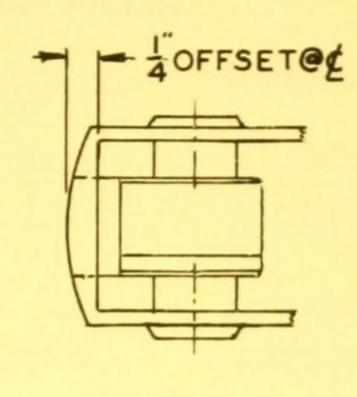
NO.	ITEM	PAGE
110	MORTISE EXTENSION BOLT	9
120	MORTISE EXTENSION BOLT	9
130	MORTISE EXTENSION BOLT	9
140	MORTISE EXTENSION BOLT	9
150	MORTISE EXTENSION BOLT	9
641	MORTISE DEAD LOCK	4
651	MORTISE DEAD LOCK	5
661	MORTISE DEAD LOCK	6
731	MORTISE DEAD LOCK	3
741	MORTISE DEAD LOCK	4
751	MORTISE DEAD LOCK	5
761	MORTISE DEAD LOCK	6
831	MORTISE DEAD LOCK	3
841	MORTISE DEAD LOCK	4
851	MORTISE DEAD LOCK	5
861	MORTISE DEAD LOCK	6
931	MORTISE DEAD LOCK	3
941	MORTISE DEAD LOCK	4
951	MORTISE DEAD LOCK	5
961	MORTISE DEAD LOCK	6
1130	CYLINDER	7
1134	THUMB TURN ATTACHMENT	8
1135	LOCK	7
1136	CYLINDER	7
1137	THUMB TURN	7
1140	BLOCKING RING	8
1145	CYLINDER COLLAR	8
1146	CYLINDER COLLAR	8
1147	BLOCKING RING	8
1318	THUMB TURN	8

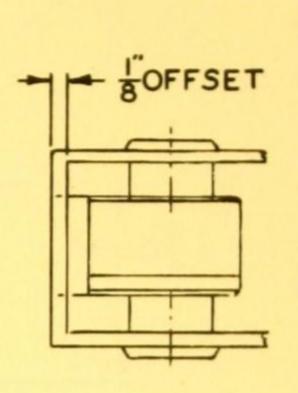


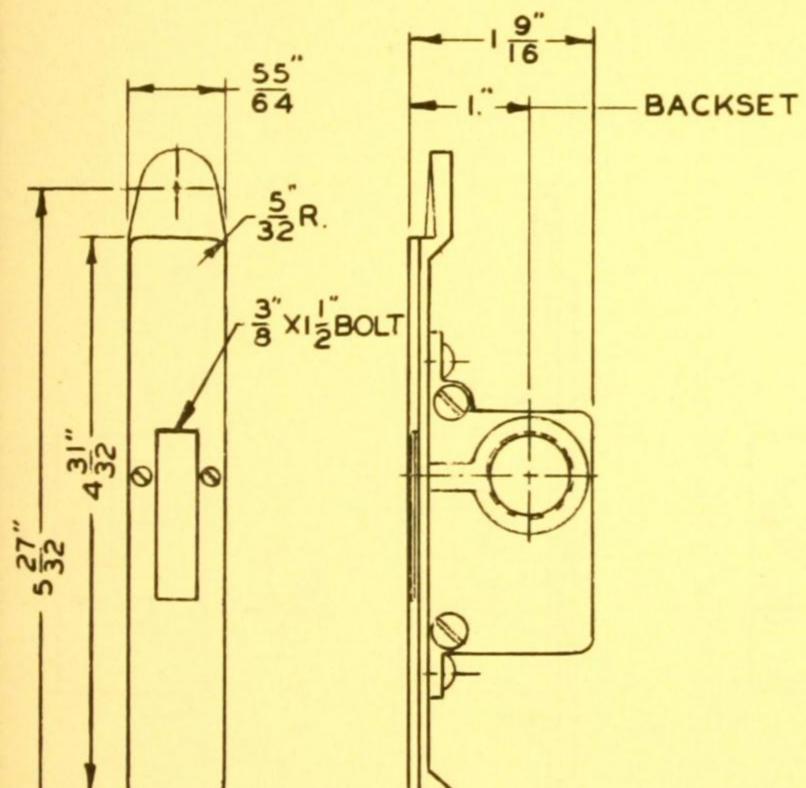
TUBULAR DOOR HARDWARE

CYLINDER DEAD LOCKS FOR TUBULAR DOORS 3/4" - FIVE PIN CYLINDERS

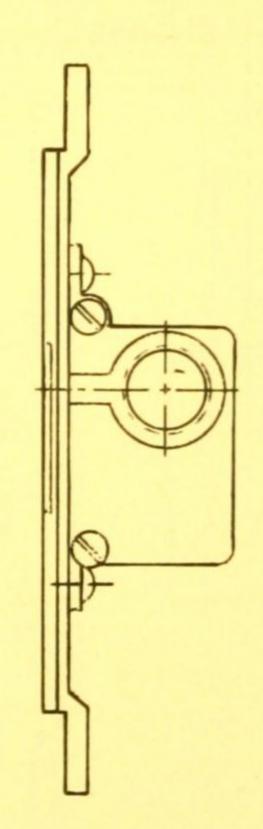


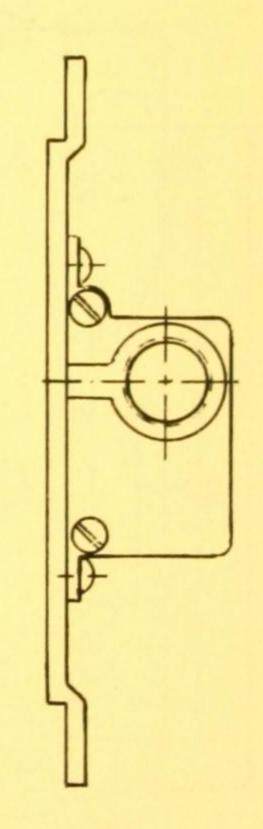






b





NO. 731 - R. H. Bevel Front

NO. 831 Round Front

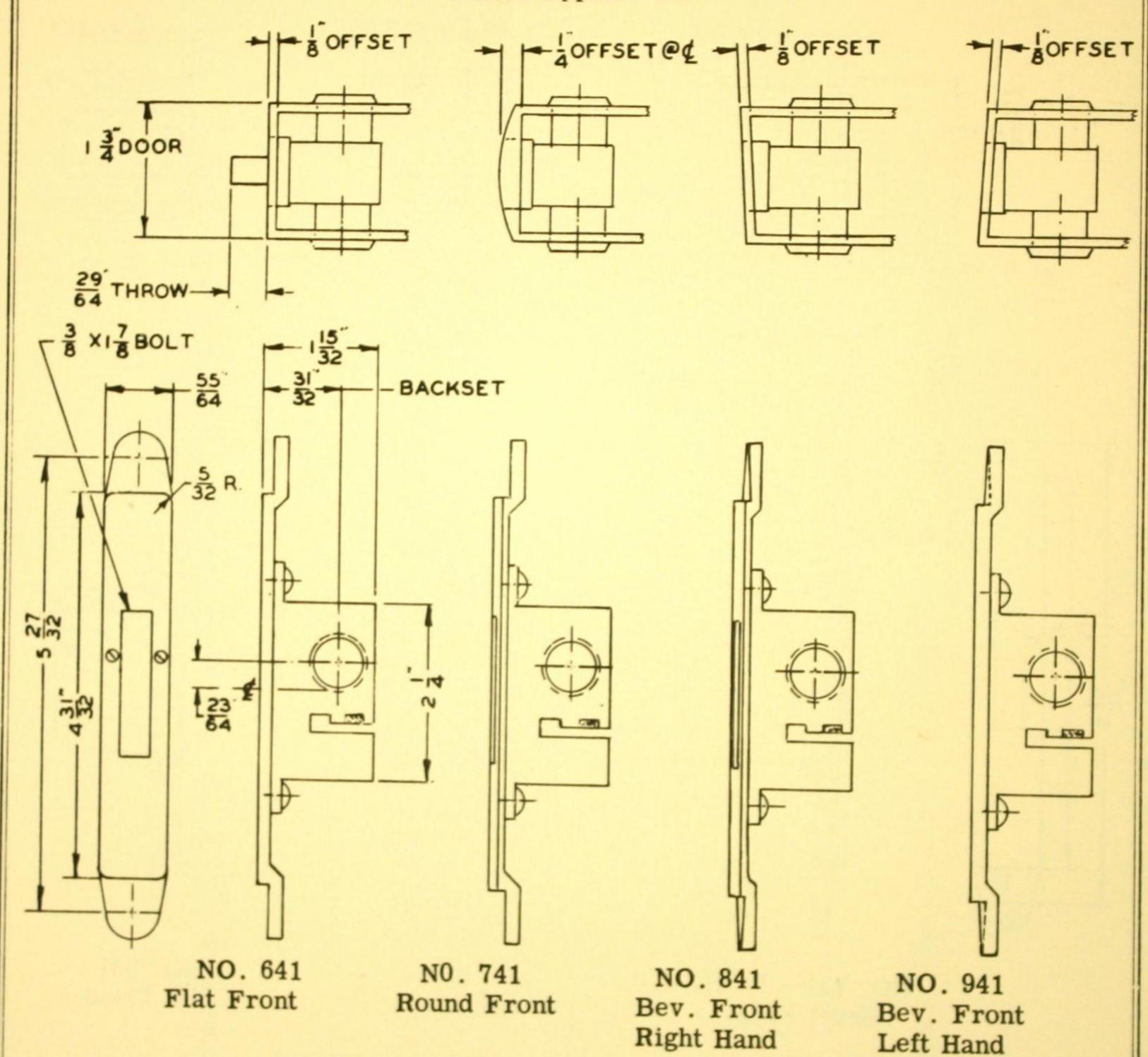
NO. 931 Flat Front

SPECIFY HAND REQUIRED ON NO. 731 LOCKS FOR REPLACEMENT ONLY REGULAR FINISH - US26D US10 FINISH MAY BE HAD WHEN ORDERED PACKED ONE IN A BOX



TUBULAR DOOR HARDWARE

CYLINDER DEAD LOCKS FOR TUBULAR DOORS
3/4" - FIVE PIN CYLINDERS
Patent Applied For

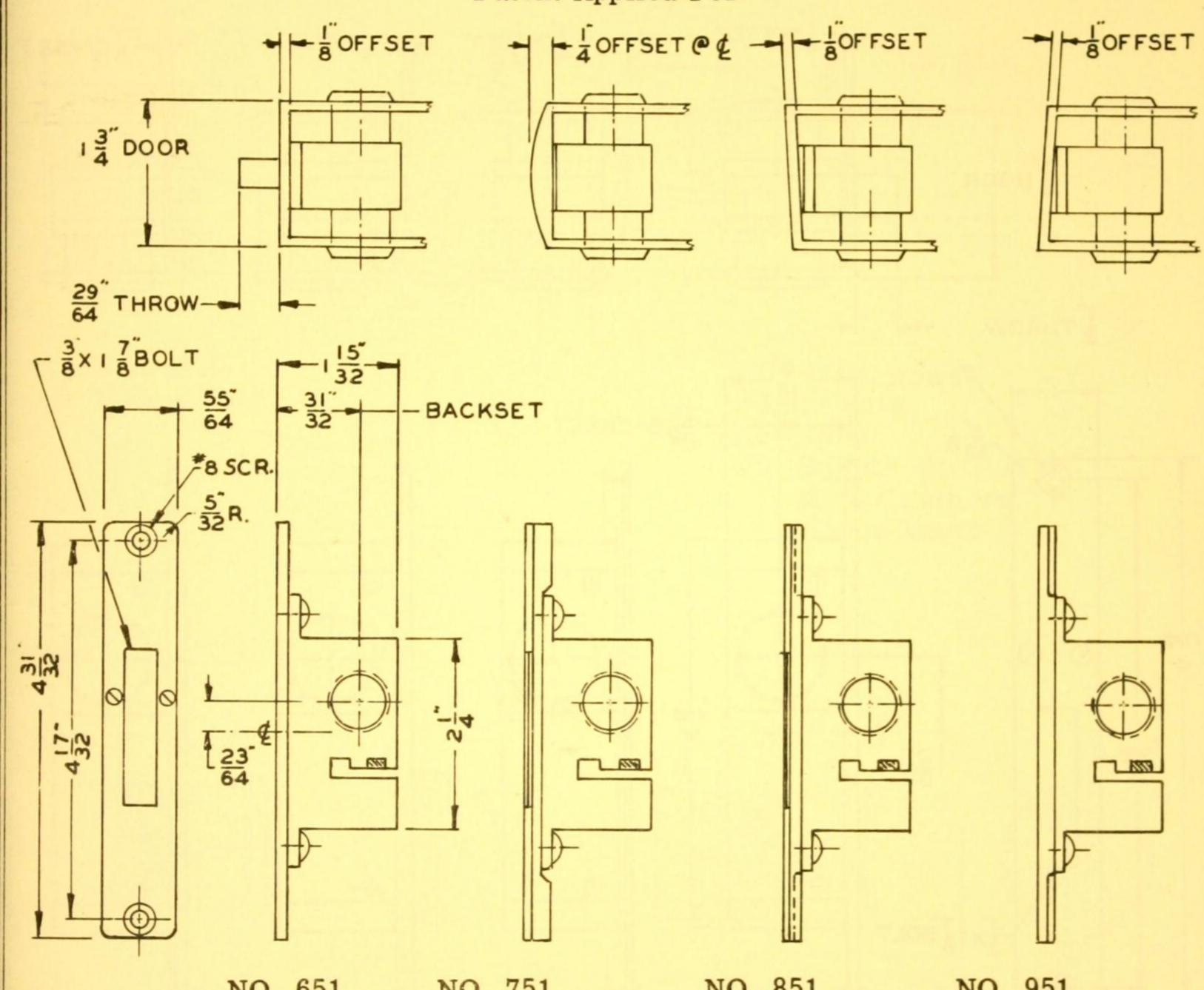


REGULAR FINISH - US26D US10 FINISH MAY BE HAD WHEN ORDERED WEIGHT WITHOUT CYLINDERS - 13 OZ.



TUBULAR DOOR HARDWARE

CYLINDER DEAD LOCKS FOR TUBULAR DOORS 3/4" - FIVE PIN CYLINDERS Patent Applied For



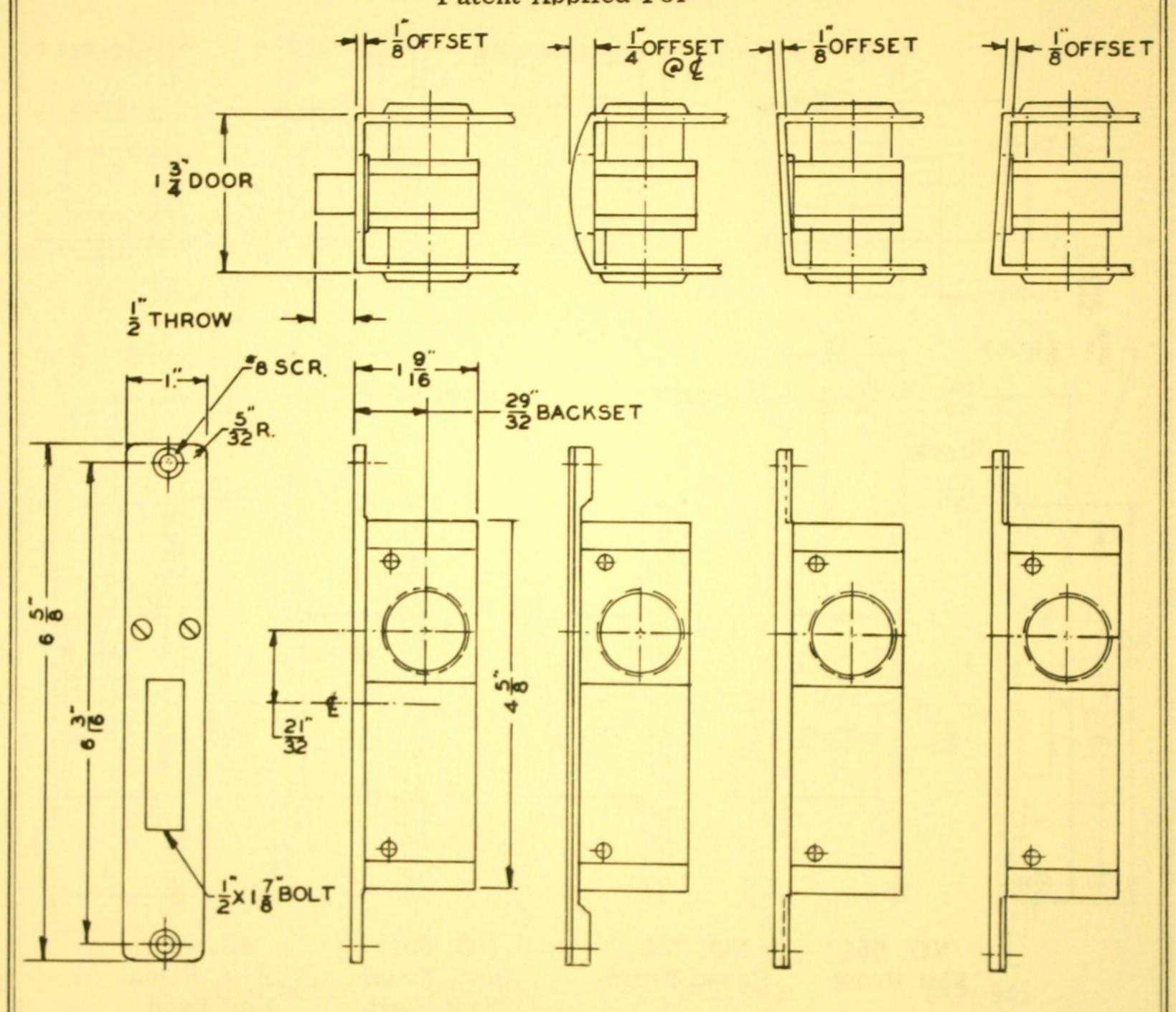
NO. 651 Flat Front NO. 751 Round Front NO. 851 Bev. Front Right Hand NO. 951 Bev. Front Left Hand

REGULAR FINISH - US26D US10 FINISH MAY BE HAD WHEN ORDERED WEIGHT - WITHOUT CYLINDERS - 13 OZ. SCREW SIZE - 8/32 x 1/2 STAINLESS STEEL



TUBULAR DOOR HARDWARE

CYLINDER DEAD LOCKS FOR TUBULAR DOORS 1 1/8" - FIVE PIN CYLINDERS Patent Applied For



NO. 661 Flat Front

NO. 761 Round Front NO. 861 Bev. Front Right Hand

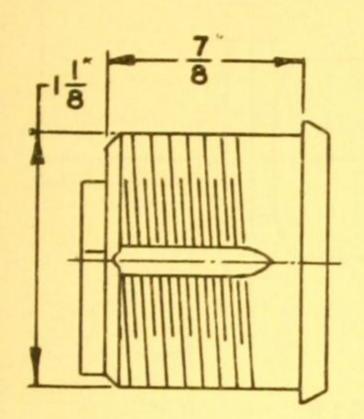
NO. 961 Bev. Front Left Hand

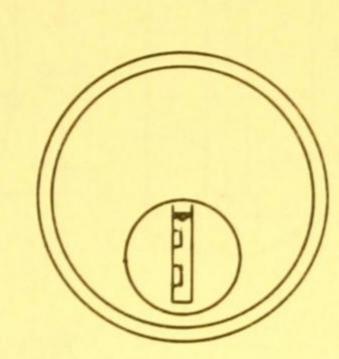
REGULAR FINISH - US26D US10 FINISH MAY BE HAD WHEN ORDERED WEIGHT - WITHOUT CYLINDERS - 1 LB. 6 OZ. SCREW SIZE - 8/32 x 1/2 STAINLESS STEEL

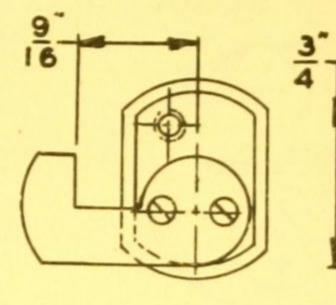


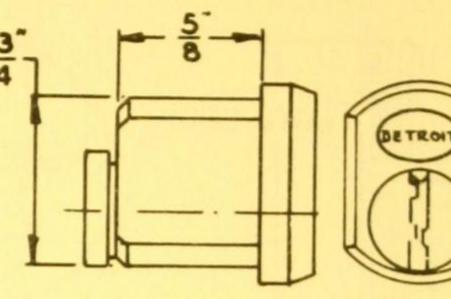
TUBULAR DOOR HARDWARE

CYLINDERS





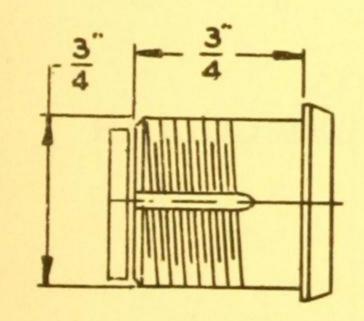


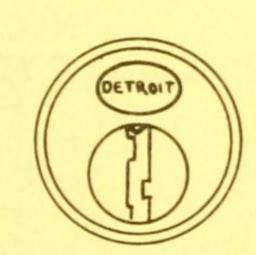


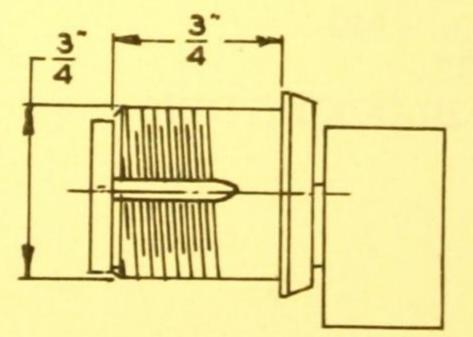
NO. 1130 2 Keys Each

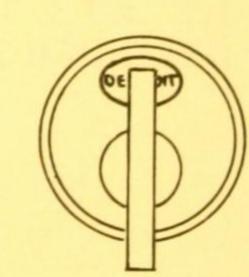
E)

NO. 1135
2 Keys Each
Reversible
For Bulletin Boards,
Show Cases and
Sliding Doors





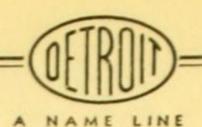




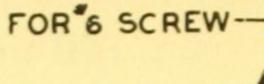
NO. 1136 2 Keys Each

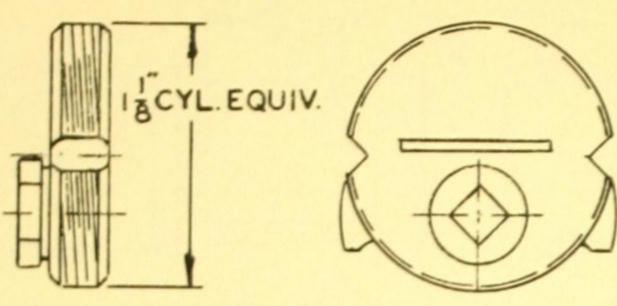
NO. 1137 Thumb Turn Cylinder

REGULAR FINISH - US26D
US10 FINISH MAY BE HAD WHEN ORDERED
CYLINDERS ARE KEYED DIFFERENTLY IN PAIRS REGULARLY
CYLINDERS MAY BE HAD KEYED ALIKE WHEN SO ORDERED
MASTER KEY CYLINDERS MAY BE HAD AT AN EXTRA CHARGE

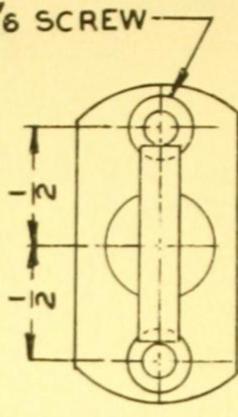


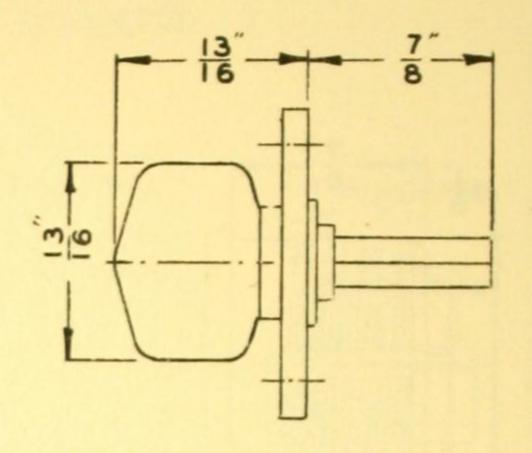
TUBULAR DOOR HARDWARE MISCELLANEOUS



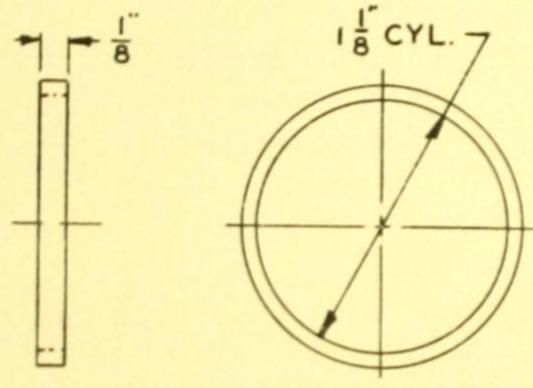


NO. 1134 THUMB TURN ATTACHMENT

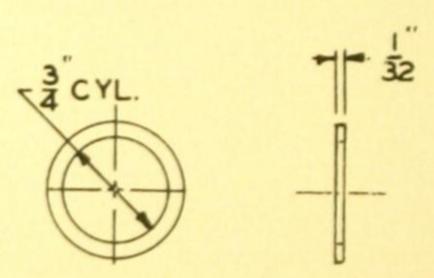




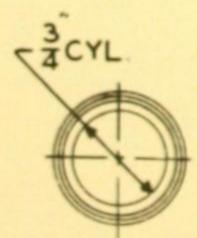
NO. 1318 THUMB TURN

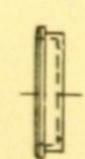


NO. 1140 1/8" x 1 1/8" CYLINDER BLOCKING RING



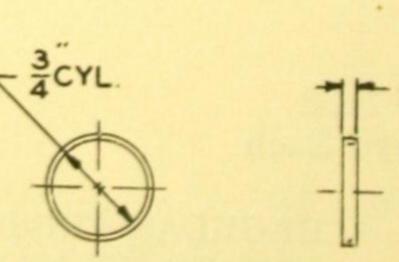
NO. 1145 1/32" x 3/4" CYLINDER COLLAR





NO. 1146 3/4" RECESSED CYLINDER COLLAR FOR 2" THICK DOORS

REGULAR FINISH - US26D US10 FINISH MAY BE HAD WHEN ORDERED

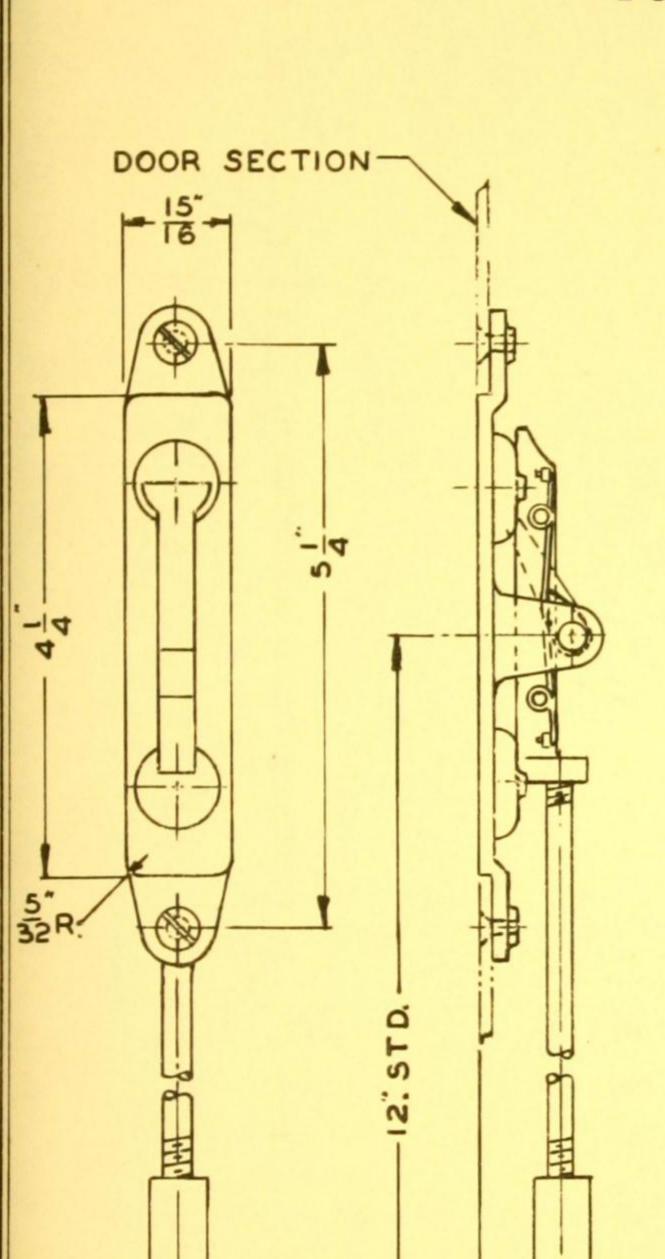


NO. 1147 1/8" x 3/4" CYLINDER BLOCKING RING FOR 1 1/2" THICK DOORS

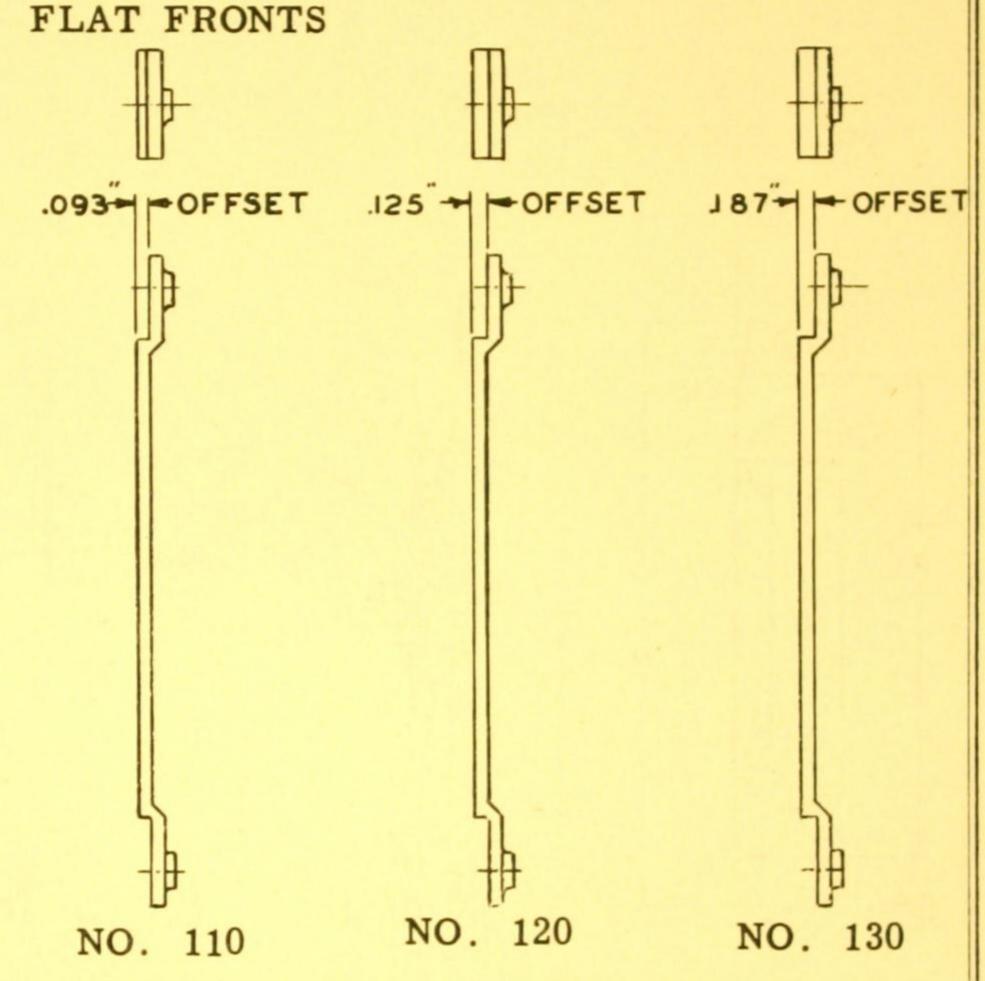


TUBULAR DOOR HARDWARE

MORTISE EXTENSION FLUSH BOLTS FOR TUBULAR DOORS



SQ BOLT-



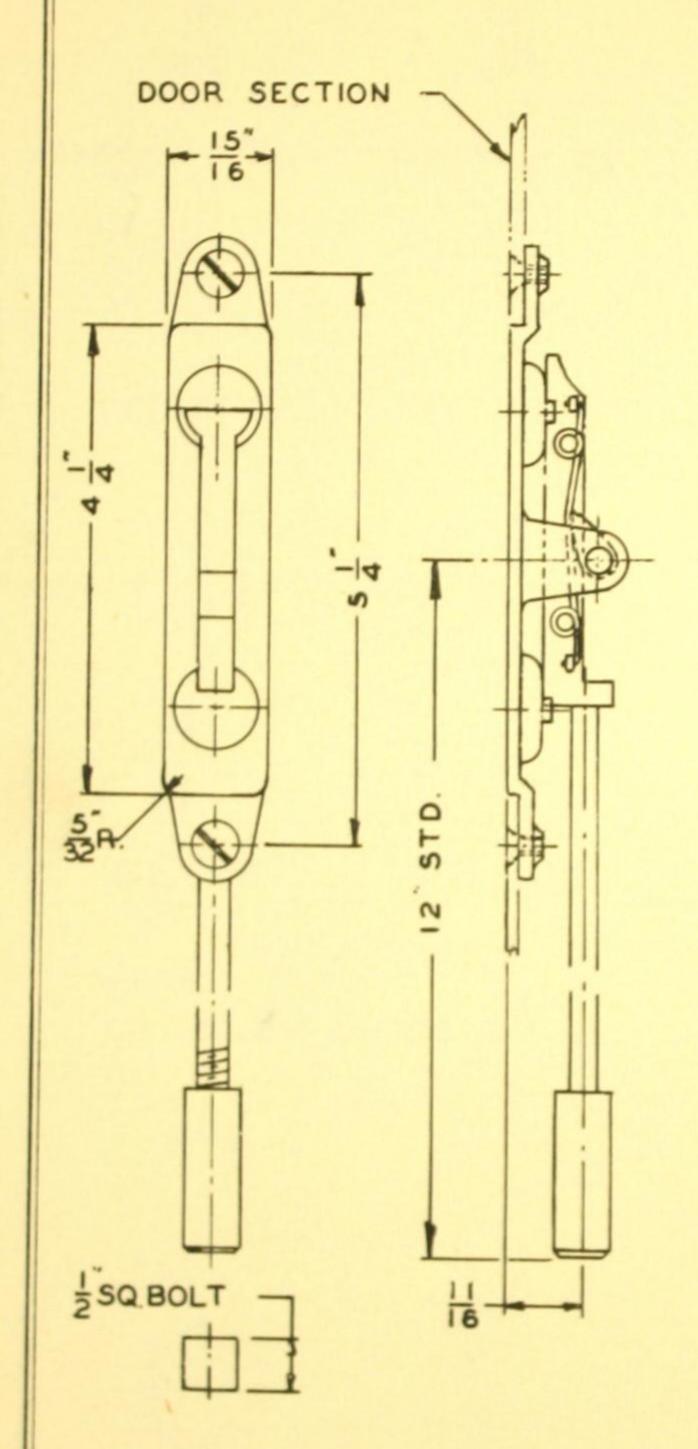
REGULAR FINISH - US26D US10 FINISH MAY BE HAD WHEN ORDERED SCREW SIZE - O. H. 10/24 x 1/2 - STAINLESS STEEL

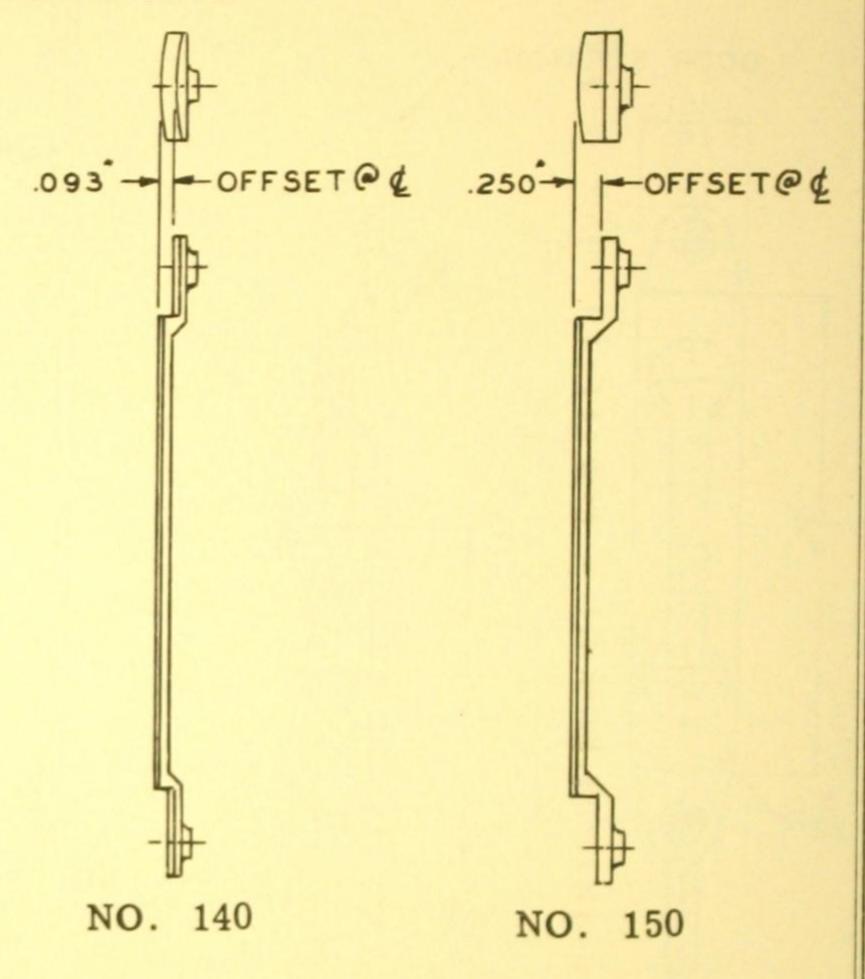


TUBULAR DOOR HARDWARE

MORTISE EXTENSION FLUSH BOLTS FOR TUBULAR DOORS

ROUND FRONTS





REGULAR FINISH - US26D US10 FINISH MAY BE HAD WHEN ORDERED SCREW SIZE - O. H. 10/24 x 1/2 - STAINLESS STEEL

RING IDING SINDING CO.

